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SDG: 169580

May 17, 2006

Mr. Robert Kennedy
ENSR
2 Technology Park Drive
Westford, MA 01886-3140

Subject: Data Package for MWH Laboratories Report 169580

Mr. Kennedy:

Enclosed is MWH Laboratories Report 169580 with the data, Subcontractor Report and the MWH Labs raw data package as requested.

Sample receipt: The sample arrived at MWH Laboratories, Monrovia, CA on March 14, 2006 with proper chain of custody. All containers were received without any visible signs of tampering or breakage. The sample was identified as follows:

MWH LAB#	CLIENT ID	SUBCONTRACTOR LAB
2603140436	TR-10A	EMAX, GEL (06C119, 158272)

The subcontractor labs are as follows:
EMAX: EMAX Laboratories, Torrance, CA – Organics Analysis
GEL: General Engineering Laboratories, LLC, Charleston, SC – Radioactivity Analysis

Case Narrative: Please see the EMAX and GEL subcontractor reports for any technical or administrative problem during analysis, data review and reduction are contained in the analytical case narratives in the associated data package.

For the MWH Laboratories data the following issues were observed:

pH – The sample pH was analyzed one day past the laboratory holding time of 7 days due to a miscommunication with an analyst about new test codes. The method recommends field measurement at time of collection.

Magnesium (EPA Method 6010B) – The Relative Percent Difference (RPD) between the Matrix Spike and Matrix Spike Duplicate (MS/MSD) was above lab limit of 20%. 2603240135, M-121, was spiked.

Sodium (EPA Method 6010B) - The Relative Percent Difference (RPD) between the Matrix Spike and Matrix Spike Duplicate (MS/MSD) was above lab limit of 20%. 2603240135, M-121, was spiked.

Data Package: The enclosed data package includes the Report, Chain of Custody, applicable Subcontractor Lab reports to document the billing and the MWH Raw data package.

Sincerely,

Linda Geddes
Project Manager

Laboratory
750 Royal Oaks Drive
Suite 100
Monrovia, California 91016
Tel: 626 386 1100
Fax: 626 386 1101

Southwest Service Center
15953 N. Greenway Hayden Loop
Suite C
Scottsdale, Arizona 85260
Tel: 480 778 1514
Fax: 480 778 1641

Nothern California Service Center
4320 Anthony Court
Suite 15
Rocklin, California 95677
Tel: 916 652 4556
Fax: 916 652 9571

MWH Laboratories
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750 Royal Oaks Drive, Suite 100
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Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory Report

for

ENSR
2 Technology Park Drive

Westford , MA 01886-3140

Attention: Robert Kennedy
Fax: 978-589-3282

DATE OF ISSUE
MAY 15 2006
MWH LABORATORIES

ACCREDITED IN ACCORDANCE WITH nelac 01114CA

LXG Linda Geddes
Project Manager
Report#169580R replaces the original Report.

Report#: 169580R
HENDERSON

Laboratory certifies that the test results meet all **NELAC** requirements unless noted in the Comments section or the Case Narrative. Following the cover page are Comments,QC Report,QC Summary,Data Report,Hits Report, totaling 27 page[s].

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: MWH Laboratories, Inc.
Attn: Linda Geddes (626) 386-1100
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016

3°C
169580

SITE Henderson DATE 3/13/06 PAGE 1 OF 1

CLIENT: Tronox LLC
PROJECT NAME: Upgradient Investigation
PROJECT MANAGER: Dave Gerry
JOB #: 04020-023-150
COELT LOG CODE: YES / NO
SAMPLER SIGNATURE: Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline / Full Range	8081A Pesticides	~~CAM 17~~ Metals	Perchlorate 314.0	Hex Chromium 7199	Wet Chemistry	Radionuclides	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	TR-10A	3/13/06	14:35					X	X	X	X	X	W	P	12	
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

TURN-AROUND TIME: Standard

OBSERVATIONS/ COMMENTS: 24-Hr Hold Time on Hex Cr and Nitrate

1 pH 3/14/06

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES:
All samples are preserved on ice.
Water samples are preserved as indicated on the sample labels.

TEMPERATURE BLANK EACH COOLER: [X] YES [ ] NO

RELINQUISHED BY:	SIGNATURE		DATE	TIME	
Brian Ho	Brian Ho	ENSR International	3/13/06	16:10	TOTAL NUMBER OF CONTAINERS:
RECEIVED BY: Federal Express # 8555	SIGNATURE	COMPANY 1006 0248	DATE 3/13/06	TIME 16:10	METHOD OF SHIPMENT: Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY: Emonane	SIGNATURE	COMPANY MWH	DATE 3/14	TIME 10:29	SCANNED

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5143

MWH Laboratories, a Divsion of MWH Americas, Inc.
750 Royal Oaks Drive Suite 100
Monrovia CA 91016 (626) 386-1100 FAX (626) 386-1124

Bottle Order for ENSR tronox

Group #
Date Sampled
Date Received

Linda Geddes — Your MWL Project Manager
(626) 386-1163 — Direct Phone/Voice Mail

Client Code ENSR-TRONOX
Project Code INVESTIGATION
PO# / Job#

ProjectName

BO# 34137

Sampler: please return this paper with your samples

Created by

Order Date
02/20/06

Date Needed by Client
03/01/06

Date Samples to Arrive at MWL

Ship Sample Kits to
Tronox LLC
8000 West Lake Mead Drive
Henderson, NV 89015

ATTN: Brian Ho/ENSR
PHONE: 702-651-2234

Send Report to
ENSR
2 Technology Park Drive
Westford, MA 01886-3140

ATTN: Robert Kennedy
PHONE: 978-589-3324
FAX: 978-589-3282

Billing Address
Tronox LLC Henderson Plant
PO Box 55
Henderson, NV 89009

# of Samples	Tests	Qteline#	Bottles-Qty for each sample, type & preservative if any	UN DOT #
22	METALS - SEE LIST		1 500ml poly acid rinsed +4ml HNO3 (18%)	UN 2031
22	CRVI-LOW		Label cooler:**SHORT HOLDING TIME!!!!!** 1125 ml poly/ 1 ml NH4SO4/NH4OH buffer	3077
22	ALK,PH,EC		1 125ml poly / no preservative	
22	TDS		1 500ml poly/ no preservative	UN 2796
22	INORGANICS - SEE LIST		1 250ml poly/ no preservative **SHORT HOLDING TIME!!!!!**	
22	CN		1 125 ml poly + 0.5 ml NaOH (25%)+3 scoops Ascorbic Acid-Red Caps	UN 1824
22	CLO3		1 60ml poly+0.60 mL 5% EDA sol'n	UN 1604
22	TEMPERATURE BLANKS		1 125 ml poly filled with water, labelled TEMP BLANK	
22	NEED TO SAVE ROOM FOR		RAD BOTTLES	

Comments

USE PROFILE #ENSR

INORGANICS:
NO2-N, NO3, CL, SO4, CLO4

PLEASE PRE-LABEL BOTTLES

SEE EMAIL for IDs

Code | Status | Date Shipped | Via | Tracking # | # of Coolers | Prepared By

FedEx Express US Airbill

8555 1006 0248

0200

Form ID No

FedEx Retrieval Copy

1 From

Date 3/13/06 Sender's FedEx Account Number 0930-0050-1

Sender's Name Brian Ho Phone 805 795-3334

Company ENSR

Address 1220 Avenida Acaso Dept./Floor/Suite/Room

City Camarillo State CA ZIP 93012

2 Your Internal Billing Reference 04020-023-150

3 To

Recipient's Name Linda Geddes Phone 626 386-1100

Company MWH Laboratories, Inc.

Recipient's Address 750 Royal Oaks Drive

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address Suite 100

To request a package be held at a specific FedEx location, print FedEx address here.

City Monrovia State CA ZIP 91016

8555 1006 0248

4a Express Package Service — Packages up to 150 lbs.

X 1 FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx Envelope rate not available. Minimum charge. One-pound rate.

20 FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

* To most locations.

4b Express Freight Service — Packages over 150 lbs.

7 FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

83 FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation. ** To most locations.

5 Packaging

6 FedEx Envelope* 2 FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak 3 FedEx Box 4 FedEx Tube X 1 Other

* Declared value limit $500

6 Special Handling — Include FedEx address in Section 3.

3 SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

X No 4 Yes — As per attached Shipper's Declaration

Yes — Shipper's Declaration not required. 6 Dry Ice — Dry Ice, 9, UN 1845

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging. Cargo Aircraft Only

7 Payment *Bill to:* — Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No.

X Sender Acct. No. in Section 1 will be billed. 2 Recipient 3 Third Party 4 Credit Card 5 Cash/Check

[redacted] Total Packages [redacted] Total Weight [redacted] Total Charges

*Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details. Credit Card Auth.

8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

No Signature Required 10 — Package may be left without obtaining a signature for delivery.

Direct Signature 34 — Anyone at recipient's address may sign for delivery. Fee applies.

Indirect Signature — If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. Fee applies.

520

Rev. Date 8/05•Part #158280•©1994-2005 FedEx•PRINTED IN U.S.A. SRF

MWH Laboratories
750 Royal Oaks Drive, Monrovia, CA 91016
PHONE: 626-386-1100/FAX: 626-386-1101

ACKNOWLEDGMENT OF SAMPLES RECEIVED

ENSR
2 Technology Park Drive
Westford, MA 01886-3140
Attn: Robert Kennedy
Phone: 978-589-3324

Customer Code: ENSR-TRONOX
Group#: 169580
Project#: HENDERSON
Proj Mgr: Linda Geddes
Phone: (626) 386-1163

The following samples were received from you on **03/14/06**. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using MWH Laboratories.

Sample#	Sample Id	Matrix	Sample Date
	Tests Scheduled		
2603140436	TR-10A	Water	13-mar-2006 14:35:00

AG-MS620	AL-MS620	ALK	AS-MS620	B6010	BA-MS620
BE-MS620	CA6010	CD-MS620	CL9056	CLO3	CLO4
CN9012	CO-MS620	CR-MS620	CRVI7199	CU-MS620	CUSTSUB
DIGEST	EC9050	FE6010	HG7470	K6010	MG6010
MN-MS620	MO-MS620	NA6010	NI-MS620	NO29056	NO39056
PB-MS620	PH9040	PT-MS620	SB-MS620	SE-MS620	SO49056
TDS	TI6010	TL-MS620	U-MS620	V-MS620	W-MS620
ZN-MS620					

Test Acronym Description

Test Acronym	Description
AG-MS620	Silver, Total, ICAP/MS
AL-MS620	Aluminum, Total, ICAP/MS
ALK	Alkalinity in CaCO3 units
AS-MS620	Arsenic, Total, ICAP/MS
B6010	Boron, Total, ICAP
BA-MS620	Barium, Total, ICAP/MS
BE-MS620	Beryllium, Total, ICAP/MS
CA6010	Calcium, Total, ICAP
CD-MS620	Cadmium, Total, ICAP/MS
CL9056	Chloride
CLO3	Chlorate by IC
CLO4	Perchlorate
CN9012	Cyanide by manual distillation
CO-MS620	Cobalt, Total, ICAP/MS
CR-MS620	Chromium, Total, ICAP/MS
CRVI7199	Hexavalent chromium(Dissolved)
CU-MS620	Copper, Total, ICAP/MS
CUSTSUB	Subcontracted Analyses-Waters
DIGEST	Metals digestion performed.
EC9050	Specific Conductance

ENSR
2 Technology Park Drive
Westford, MA 01886-3140
Attn: Robert Kennedy
Phone: 978-589-3324

Customer Code: ENSR-TRONOX
Group#: 169580
Project#: HENDERSON
Proj Mgr: Linda Geddes
Phone: (626) 386-1163

Test Acronym Description

Test Acronym	Description
FE6010	Iron, Total, ICAP
HG7470	Mercury
K6010	Potassium, Total, ICAP
MG6010	Magnesium, Total, ICAP
MN-MS620	Manganese, Total, ICAP/MS
MO-MS620	Molybdenum, Total, ICAP/MS
NA6010	Sodium, Total, ICAP
NI-MS620	Nickel, Total, ICAP/MS
NO29056	Nitrite, Nitrogen by IC
NO39056	Nitrate as Nitrogen by IC
PB-MS620	Lead, Total, ICAP/MS
PH9040	PH (H3=past HT, not compliant)
PT-MS620	Platinum, Total, ICAP/MS
SB-MS620	Antimony, Total, ICAP/MS
SE-MS620	Selenium, Total, ICAP/MS
SO49056	Sulfate
TDS	Total Dissolved Solid (TDS)
TI6010	Titanium, Total, ICAP
TL-MS620	Thallium, Total, ICAP/MS
U-MS620	Uranium
V-MS620	Vanadium, Total, ICAP/MS
W-MS620	Tungsten, Total, ICAP/MS
ZN-MS620	Zinc, Total, ICAP/MS

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Group Comments

Radiochemistry testing subcontracted to GEL, Charleston, SC.
Organics subcontracted to EMAX Laboratories, Torrance, CA.
Report revised to correct Uranium units, Detection limit.

(QC Ref#: 312016)
Test: Magnesium, Total, ICAP (ML/EPA 6010B)
QC Type: RPD_MS
RPD exceeds lab limits, there are no method limits.

(QC Ref#: 312023)
Test: Sodium, Total, ICAP (ML/EPA 6010B)
QC Type: RPD_MS
RPD exceeds lab limits, there are no method limits.

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Laboratory
Hits Report
#169580

ENSR
Robert Kennedy
2 Technology Park Drive
Westford , MA 01886-3140

Samples Received
14-mar-2006 10:29:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2603140436	**TR-10A**				
03/21/06	Alkalinity in CaCO3 units		77		mg/l	2.0
03/30/06	Aluminum, Total, ICAP/MS		2000		ug/l	125
03/30/06	Arsenic, Total, ICAP/MS		63		ug/l	1.0
03/30/06	Barium, Total, ICAP/MS		75		ug/l	2.0
03/30/06	Boron, Total, ICAP		1.4		mg/l	0.10
03/30/06	Calcium, Total, ICAP		140		mg/l	2.0
03/20/06	Chlorate by IC		9220		ug/l	200
03/14/06	Chloride		120		mg/l	5.0
03/30/06	Chromium, Total, ICAP/MS		51		ug/l	1.0
03/30/06	Copper, Total, ICAP/MS		4.9		ug/l	2.0
03/14/06	Hexavalent chromium(Dissolved)		57		ug/l	0.20
03/30/06	Iron, Total, ICAP		2.8		mg/l	0.040
03/30/06	Lead, Total, ICAP/MS		2.3		ug/l	0.50
03/30/06	Magnesium, Total, ICAP		54		mg/l	0.20
03/30/06	Manganese, Total, ICAP/MS		61		ug/l	2.0
03/30/06	Metals digestion performed.		Y		Yes/No	
03/30/06	Molybdenum, Total, ICAP/MS		19		ug/l	2.0
03/30/06	Nickel, Total, ICAP/MS		6.1		ug/l	5.0
03/14/06	Nitrate as Nitrogen by IC		0.73		mg/l	0.50
03/22/06	PH (H3=past HT, not compliant)		8.3		Units	0.0010
03/22/06	Perchlorate		860		ug/l	200
03/30/06	Potassium, Total, ICAP		15		mg/l	2.0
03/30/06	Sodium, Total, ICAP		300		mg/l	2.0
03/16/06	Specific Conductance		2240		umho/cm	2.0
04/04/06	Sulfate		953		mg/l	10
03/30/06	Titanium, Total, ICAP		0.17		mg/l	0.020
03/20/06	Total Dissolved Solid (TDS)		1630	500	mg/l	10
04/12/06	Uranium		4.3		ug/l	1.0
03/30/06	Vanadium, Total, ICAP/MS		35		ug/l	3.0
03/30/06	Zinc, Total, ICAP/MS		39		ug/l	5.0

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
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Laboratory
Hits Report
#169580

ENSR
Robert Kennedy
2 Technology Park Drive
Westford , MA 01886-3140

Samples Received
14-mar-2006 10:29:00

Analyzed	Sample#	Sample ID	Result	Federal MCL	UNITS	MRL
	2603140436	TR-10A				

SUMMARY OF POSITIVE DATA ONLY.

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
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Tel: 626 386 1100
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1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#169580

ENSR
Robert Kennedy
2 Technology Park Drive
Westford , MA 01886-3140

Samples Received
03/14/06

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
TR-10A (2603140436)	**Sampled on 03/13/06 14:35**							
	03/30/06 00:00	312091	(ML/EPA 6020)	Silver, Total, ICAP/MS	ND	ug/l	0.50	1
	03/30/06 00:00	312207	(ML/EPA 6020)	Aluminum, Total, ICAP/MS	2000	ug/l	125	5
	03/21/06 12:21	311025	(SM2320B/ 310.1)	Alkalinity in CaCO3 units	77	mg/l	2.0	1
	03/30/06 00:00	312248	(ML/EPA 6020)	Arsenic, Total, ICAP/MS	63	ug/l	1.0	1
	03/30/06 00:00	311975	(ML/EPA 6010B)	Boron, Total, ICAP	1.4	mg/l	0.10	2
	03/30/06 00:00	312241	(ML/EPA 6020)	Barium, Total, ICAP/MS	75	ug/l	2.0	1
	03/30/06 00:00	312070	(ML/EPA 6020)	Beryllium, Total, ICAP/MS	ND	ug/l	1.0	1
	03/30/06 00:00	311979	(ML/EPA 6010B)	Calcium, Total, ICAP	140	mg/l	2.0	2
	03/30/06 00:00	312234	(ML/EPA 6020)	Cadmium, Total, ICAP/MS	ND	ug/l	0.50	1
	03/14/06 13:15	311432	(ML/EPA 9056)	Chloride	120	mg/l	5.0	5
	03/20/06 14:02	310799	(ML/EPA 300.1)	Chlorate by IC	9220	ug/l	200	20
	03/22/06 14:14	311146	(EPA 314)	Perchlorate	860	ug/l	200	50
03/22/06	03/22/06 00:00	310979	(ML/EPA 9012A)	Cyanide by manual distillation	ND	mg/l	0.0050	1
	03/30/06 00:00	312080	(ML/EPA 6020)	Cobalt, Total, ICAP/MS	ND	ug/l	2.0	1
	03/30/06 00:00	312208	(ML/EPA 6020)	Chromium, Total, ICAP/MS	51	ug/l	1.0	1
	03/14/06 11:34	310481	(ML/EPA 7199)	Hexavalent chromium(Dissolved)	57	ug/l	0.20	2
	03/30/06 00:00	312229	(ML/EPA 6020)	Copper, Total, ICAP/MS	4.9	ug/l	2.0	1
	05/03/06 00:00		( )	Subcontracted Analyses-Waters	SUBEMAXGEL	None	0	1
	03/30/06 11:41		(EPA 200 Prep)	Metals digestion performed.	Y	Yes/No	0	1
	03/16/06 16:00	310315	(ML/EPA 9050A)	Specific Conductance	2240	umho/cm	2.0	1
	03/30/06 00:00	311980	(ML/EPA 6010B)	Iron, Total, ICAP	2.8	mg/l	0.040	2
	03/27/06 00:00	311601	(ML/EPA 7470)	Mercury	ND	ug/l	0.20	1
	03/30/06 00:00	312015	(ML/EPA 6010B)	Potassium, Total, ICAP	15	mg/l	2.0	2
	03/30/06 00:00	312016	(ML/EPA 6010B)	Magnesium, Total, ICAP	54	mg/l	0.20	2
	03/30/06 00:00	312226	(ML/EPA 6020)	Manganese, Total, ICAP/MS	61	ug/l	2.0	1
	03/30/06 00:00	312233	(ML/EPA 6020)	Molybdenum, Total, ICAP/MS	19	ug/l	2.0	1
	03/30/06 00:00	312023	(ML/EPA 6010B)	Sodium, Total, ICAP	300	mg/l	2.0	2
	03/30/06 00:00	312228	(ML/EPA 6020)	Nickel, Total, ICAP/MS	6.1	ug/l	5.0	1
	03/14/06 13:15	311510	(ML/EPA 9056)	Nitrite, Nitrogen by IC	ND	mg/l	0.50	5
	03/14/06 13:15	311433	(ML/EPA 9056)	Nitrate as Nitrogen by IC	0.73	mg/l	0.50	5
	03/30/06 00:00	312244	(ML/EPA 6020)	Lead, Total, ICAP/MS	2.3	ug/l	0.50	1
	03/22/06 00:00	311793	(ML/EPA 9040B)	PH (H3=past HT, not compliant)	8.3	Units	0.0010	1

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A Division of MWH Americas, Inc.

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Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

Laboratory
Data Report
#169580

ENSR
(continued)

Prepared	Analyzed	QC Ref#	Method	Analyte	Result	Units	MRL	Dilution
	04/06/06 00:00	313130	(ML/EPA 6020)	Platinum, Total, ICAP/MS	ND	ug/l	1.0	1
	03/30/06 00:00	312237	(ML/EPA 6020)	Antimony, Total, ICAP/MS	ND	ug/l	1.0	1
	03/30/06 00:00	312232	(ML/EPA 6020)	Selenium, Total, ICAP/MS	ND	ug/l	5.0	1
	04/04/06 11:55	312888	(ML/EPA 9056)	Sulfate	953	mg/l	10	20
03/20/06	03/20/06 16:00	310803	(SM 2540C)	Total Dissolved Solid (TDS)	1630	mg/l	10	1
	03/30/06 00:00	311970	(ML/EPA 6010B)	Titanium, Total, ICAP	0.17	mg/l	0.020	1
	03/30/06 00:00	312243	(ML/EPA 6020)	Thallium, Total, ICAP/MS	ND	ug/l	1.0	1
	04/12/06 18:28	313939	(ML/EPA 6020)	Uranium	4.3	ug/l	1.0	1
	03/30/06 00:00	312076	(ML/EPA 6020)	Vanadium, Total, ICAP/MS	35	ug/l	3.0	1
	04/06/06 00:00	313123	(ML/EPA 6020)	Tungsten, Total, ICAP/MS	ND	ug/l	2.0	1
	03/30/06 00:00	312230	(ML/EPA 6020)	Zinc, Total, ICAP/MS	39	ug/l	5.0	1

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Laboratory
QC Summary
#169580

ENSR

QC Ref #310315 - Specific Conductance **Analysis Date: 03/16/2006**

2603140436 TR-10A Analyzed by: sar

QC Ref #310481 - Hexavalent chromium(Dissolved) **Analysis Date: 03/14/2006**

2603140436 TR-10A Analyzed by: lmr

QC Ref #310799 - Chlorate by IC **Analysis Date: 03/20/2006**

2603140436 TR-10A Analyzed by: bxs

QC Ref #310803 - Total Dissolved Solid (TDS) **Analysis Date: 03/20/2006**

2603140436 TR-10A Analyzed by: cps

QC Ref #310979 - Cyanide by manual distillation **Analysis Date: 03/22/2006**

2603140436 TR-10A Analyzed by: nina

QC Ref #311025 - Alkalinity in CaCO3 units **Analysis Date: 03/21/2006**

2603140436 TR-10A Analyzed by: aide

QC Ref #311146 - Perchlorate **Analysis Date: 03/22/2006**

2603140436 TR-10A Analyzed by: bxs

QC Ref #311432 - Chloride **Analysis Date: 03/14/2006**

2603140436 TR-10A Analyzed by: njp

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QC Ref #311433 - Nitrate as Nitrogen by IC **Analysis Date: 03/14/2006**

2603140436 TR-10A Analyzed by: njp

QC Ref #311510 - Nitrite, Nitrogen by IC **Analysis Date: 03/14/2006**

2603140436 TR-10A Analyzed by: njp

QC Ref #311601 - Mercury **Analysis Date: 03/27/2006**

2603140436 TR-10A Analyzed by: dyh

QC Ref #311793 - PH (H3=past HT, not compliant) **Analysis Date: 03/22/2006**

2603140436 TR-10A Analyzed by: raja

QC Ref #311970 - Titanium, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #311975 - Boron, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #311979 - Calcium, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #311980 - Iron, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

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QC Ref #312015 - Potassium, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #312016 - Magnesium, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #312023 - Sodium, Total, ICAP **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: wbh

QC Ref #312070 - Beryllium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312076 - Vanadium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312080 - Cobalt, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312091 - Silver, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312207 - Aluminum, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

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QC Ref #312208 - Chromium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312226 - Manganese, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312228 - Nickel, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312229 - Copper, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312230 - Zinc, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312232 - Selenium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312233 - Molybdenum, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312234 - Cadmium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

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QC Ref #312237 - Antimony, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312241 - Barium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312243 - Thallium, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312244 - Lead, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312248 - Arsenic, Total, ICAP/MS **Analysis Date: 03/30/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #312888 - Sulfate **Analysis Date: 04/04/2006**

2603140436 TR-10A Analyzed by: njp

QC Ref #313123 - Tungsten, Total, ICAP/MS **Analysis Date: 04/06/2006**

2603140436 TR-10A Analyzed by: jps

QC Ref #313130 - Platinum, Total, ICAP/MS **Analysis Date: 04/06/2006**

2603140436 TR-10A Analyzed by: jps

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QC Ref #313939 - Uranium **Analysis Date: 04/12/2006**

2603140436 TR-10A Analyzed by: dtn

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QC Ref #310315 Specific Conductance

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	Specific Conductance	4020	4020	UMHO		(0-20)	0.0
MRL_CHK	Specific Conductance	2.000	2.34	UMHO	117.0	(50-150)	

QC Ref #310481 Hexavalent chromium(Dissolved)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03140492	UGL		(0-0)	
LCS1	Hexavalent chromium(Dissolved)	2.0	2.04	UGL	102.0	(90-110)	
LCS2	Hexavalent chromium(Dissolved)	2.0	2.08	UGL	104.0	(90-110)	
MBLK	Hexavalent chromium(Dissolved)	ND	<0.10	UGL			
MRL_CHK	Hexavalent chromium(Dissolved)	0.100	0.108	UGL	108.0	(50-150)	
MS	Hexavalent chromium(Dissolved)	2.0	1.94	UGL	97.0	(90-110)	
MSD	Hexavalent chromium(Dissolved)	2.0	2.09	UGL	104.5	(90-110)	
RPD_LCS	Hexavalent chromium(Dissolved)	102.000	104.000	UGL	1.9	(0-20)	
RPD_MS	Hexavalent chromium(Dissolved)	97.000	104.500	UGL	7.4	(0-20)	

QC Ref #310799 Chlorate by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03150343	UGL		(0-0)	
LCS1	Chlorate by IC	200	196	UGL	98.0	(75-125)	
LCS2	Chlorate by IC	200	204	UGL	102.0	(75-125)	
MBLK	Chlorate by IC	ND	<10	UGL			
MRL_CHK	Chlorate by IC	10.000	11.3	UGL	113.0	(50-150)	
MS	Chlorate by IC	100	102	UGL	102.0	(75-125)	
MSD	Chlorate by IC	100	94.6	UGL	94.6	(75-125)	
RPD_LCS	Chlorate by IC	98.000	102.000	UGL	4.0	(0-20)	
RPD_MS	Chlorate by IC	102.000	94.600	UGL	7.5	(0-20)	

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QC Ref #310803 Total Dissolved Solid (TDS)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03140427	MGL		(0-0)	
DUP	Total Dissolved Solid (TDS)	678	670	MGL		(0-10)	1.2
LCS1	Total Dissolved Solid (TDS)	175	174	MGL	99.4	(85-115)	
LCS2	Total Dissolved Solid (TDS)	700	682	MGL	97.4	(85-115)	
MBLK	Total Dissolved Solid (TDS)	ND	<10	MGL			
MRL_CHK	Total Dissolved Solid (TDS)	10.0	10	MGL	100.0	(50-150)	
RPD_LCS	Total Dissolved Solid (TDS)	99.429	97.429	MGL	2.0	(0-20)	

QC Ref #310979 Cyanide by manual distillation

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03200005	MGL		(0-0)	
LCS1	Cyanide by manual distillation	0.100	0.100	MGL	100.0	(90-110)	
LCS2	Cyanide by manual distillation	0.100	0.099	MGL	99.0	(90-110)	
MBLK	Cyanide by manual distillation	ND	<0.0050	MGL			
MRL_CHK	Cyanide by manual distillation	0.005	0.004	MGL	80.0	(50-150)	
MS	Cyanide by manual distillation	0.100	0.107	MGL	107.0	(90-110)	
MSD	Cyanide by manual distillation	0.100	0.104	MGL	104.0	(90-110)	

QC Ref #311025 Alkalinity in CaCO3 units

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
MS	Spiked sample	Lab # 26	03130051	MGL		(0-0)	
LCS1	Alkalinity in CaCO3 units	100	100	MGL	100.0	(90-110)	
LCS2	Alkalinity in CaCO3 units	100	99.8	MGL	99.8	(90-110)	
MBLK	Alkalinity in CaCO3 units	ND	<2.0	MGL			
MRL_CHK	Alkalinity in CaCO3 units	2.00	2.13	MGL	106.5	(50-150)	
MS	Alkalinity in CaCO3 units	100	97.8	MGL	97.8	(80-120)	
MSD	Alkalinity in CaCO3 units	100	98.6	MGL	98.6	(80-120)	

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RPD_LCS	Alkalinity in CaCO3 units	100.000	99.800	MGL	0.2	(0-10)
RPD_MS	Alkalinity in CaCO3 units	97.800	98.600	MGL	0.8	(0-10)

QC Ref #311146 Perchlorate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
LCS1	Perchlorate	25.0	25.1	UGL	100.4	(85-115)	
LCS2	Perchlorate	25.0	24.1	UGL	96.4	(85-115)	
MBLK	Perchlorate	ND	<4.0	UGL			
MS	Perchlorate	25.0	25.2	UGL	100.8	(70-130)	
MSD	Perchlorate	25.0	25.6	UGL	102.4	(70-130)	
RPD_LCS	Perchlorate	100.400	96.400	UGL	4.1	(0-20)	
RPD_MS	Perchlorate	100.800	102.400	UGL	1.6	(0-20)	

QC Ref #311432 Chloride

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03140130	MGL		(0-0)	
LCS1	Chloride	25	26.1	MGL	104.4	(90-110)	
LCS2	Chloride	25	25.8	MGL	103.2	(90-110)	
MBLK	Chloride	ND	<1.0	MGL			
MRL_CHK	Chloride	1.000	1.000	MGL	100.0	(50-150)	
MS	Chloride	12.5	12.9	MGL	103.2	(90-110)	
MSD	Chloride	12.5	13.0	MGL	104.0	(90-110)	
RPD_LCS	Chloride	104.400	103.200	MGL	1.2	(0-20)	
RPD_MS	Chloride	103.200	104.000	MGL	0.8	(0-20)	

QC Ref #311433 Nitrate as Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03140130	MGL		(0-0)	
LCS1	Nitrate as Nitrogen by IC	2.5	2.5	MGL	100.0	(90-110)	
LCS2	Nitrate as Nitrogen by IC	2.5	2.5	MGL	100.0	(90-110)	

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MBLK	Nitrate as Nitrogen by IC	ND	<0.10	MGL		
MRL_CHK	Nitrate as Nitrogen by IC	0.100	0.100	MGL	100.0	(50-150)
MS	Nitrate as Nitrogen by IC	1.25	1.26	MGL	100.8	(90-110)
MSD	Nitrate as Nitrogen by IC	1.25	1.24	MGL	99.2	(90-110)
RPD_LCS	Nitrate as Nitrogen by IC	100.000	100.000	MGL	0.0	(0-20)
RPD_MS	Nitrate as Nitrogen by IC	100.800	99.200	MGL	1.6	(0-20)

QC Ref #311510 Nitrite, Nitrogen by IC

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03140130	MGL		(0-0)	
LCS1	Nitrite, Nitrogen by IC	1.0	0.97	MGL	97.0	(90-110)	
LCS2	Nitrite, Nitrogen by IC	1.0	0.92	MGL	92.0	(90-110)	
MBLK	Nitrite, Nitrogen by IC	ND	<0.10	MGL			
MRL_CHK	Nitrite, Nitrogen by IC	0.100	0.100	MGL	100.0	(50-150)	
MS	Nitrite, Nitrogen by IC	0.500	0.52	MGL	104.0	(90-110)	
MSD	Nitrite, Nitrogen by IC	0.500	0.50	MGL	100.0	(90-110)	
RPD_LCS	Nitrite, Nitrogen by IC	97.000	92.000	MGL	5.3	(0-20)	
RPD_MS	Nitrite, Nitrogen by IC	104.000	100.000	MGL	3.9	(0-20)	

QC Ref #311601 Mercury

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03090347	UGL		(0-0)	
LCS1	Mercury	1.50	1.52	UGL	101.3	(85-115)	
LCS2	Mercury	1.50	1.54	UGL	102.7	(85-115)	
MBLK	Mercury	ND	<0.20	UGL			
MRL_CHK	Mercury	0.200	0.214	UGL	107.0	(50-150)	
MS	Mercury	1.50	1.58	UGL	105.3	(70-130)	
MSD	Mercury	1.50	1.58	UGL	105.3	(70-130)	
RPD_LCS	Mercury	101.333	102.667	UGL	1.3	(0-20)	
RPD_MS	Mercury	105.333	105.333	UGL	0.0	(0-20)	

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QC Ref #311793 PH (H3=past HT, not compliant)

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
DUP	PH (H3=past HT, not compliant)	8.0	8.0	UNIT		(0-20)	0.0

QC Ref #311970 Titanium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Titanium, Total, ICAP	1.0	1.04	MGL	104.0	(70-130)	
LCS2	Titanium, Total, ICAP	1.0	1.03	MGL	103.0	(70-130)	
MBLK	Titanium, Total, ICAP	ND	<0.020	MGL			
MS	Titanium, Total, ICAP	1.0	1.06	MGL	106.0	(70-130)	
MSD	Titanium, Total, ICAP	1.0	1.06	MGL	106.0	(70-130)	

QC Ref #311975 Boron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	06240135	MGL		(0-0)	
LCS1	Boron, Total, ICAP	0.5	0.466	MGL	93.2	(85-115)	
LCS2	Boron, Total, ICAP	0.5	0.468	MGL	93.6	(85-115)	
MBLK	Boron, Total, ICAP	ND	<0.050	MGL			
MRL_CHK	Boron, Total, ICAP	0.050	0.0571	MGL	114.2	(50-150)	
MS	Boron, Total, ICAP	0.5	0.442	MGL	88.4	(70-130)	
MSD	Boron, Total, ICAP	0.5	0.534	MGL	106.8	(70-130)	
RPD_LCS	Boron, Total, ICAP	93.200	93.600	MGL	0.4	(0-20)	
RPD_MS	Boron, Total, ICAP	88.400	106.800	MGL	18.9	(0-20)	

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QC Ref #311979 Calcium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Calcium, Total, ICAP	50	50.0	MGL	100.0	(85-115)	
LCS2	Calcium, Total, ICAP	50	50.7	MGL	101.4	(85-115)	
MBLK	Calcium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Calcium, Total, ICAP	1.000	1.01	MGL	101.0	(50-150)	
MS	Calcium, Total, ICAP	50	41.7	MGL	83.4	(70-130)	
MSD	Calcium, Total, ICAP	50	49.5	MGL	99.0	(70-130)	
RPD_LCS	Calcium, Total, ICAP	100.000	101.400	MGL	1.4	(0-20)	
RPD_MS	Calcium, Total, ICAP	83.400	99.000	MGL	17.1	(0-20)	

QC Ref #311980 Iron, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Iron, Total, ICAP	5.0	5.04	MGL	100.8	(85-115)	
LCS2	Iron, Total, ICAP	5.0	5.05	MGL	101.0	(85-115)	
MBLK	Iron, Total, ICAP	ND	<0.020	MGL			
MRL_CHK	Iron, Total, ICAP	0.020	0.0207	MGL	103.5	(50-150)	
MS	Iron, Total, ICAP	5.0	5.13	MGL	102.6	(70-130)	
MSD	Iron, Total, ICAP	5.0	5.16	MGL	103.2	(70-130)	

QC Ref #312015 Potassium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Potassium, Total, ICAP	20	19.2	MGL	96.0	(85-115)	
LCS2	Potassium, Total, ICAP	20	19.1	MGL	95.5	(85-115)	
MBLK	Potassium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Potassium, Total, ICAP	1.000	0.918	MGL	91.8	(50-150)	

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MS	Potassium, Total, ICAP	20	19.5	MGL	97.5	(70-130)
MSD	Potassium, Total, ICAP	20	19.8	MGL	99.0	(70-130)
RPD_LCS	Potassium, Total, ICAP	96.000	95.500	MGL	0.5	(0-20)
RPD_MS	Potassium, Total, ICAP	97.500	99.000	MGL	1.5	(0-20)

QC Ref #312016 Magnesium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Magnesium, Total, ICAP	20	20.0	MGL	100.0	(85-115)	
LCS2	Magnesium, Total, ICAP	20	20.0	MGL	100.0	(85-115)	
MBLK	Magnesium, Total, ICAP	ND	<0.10	MGL			
MRL_CHK	Magnesium, Total, ICAP	0.100	0.109	MGL	109.0	(50-150)	
MS	Magnesium, Total, ICAP	20	16.4	MGL	82.0	(70-130)	
MSD	Magnesium, Total, ICAP	20	20.8	MGL	104.0	(70-130)	
RPD_LCS	Magnesium, Total, ICAP	100.000	100.000	MGL	0.0	(0-20)	
RPD_MS	Magnesium, Total, ICAP	82.000	104.000	MGL	23.7	(0-20)	

QC Ref #312023 Sodium, Total, ICAP

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	MGL		(0-0)	
LCS1	Sodium, Total, ICAP	50	48.8	MGL	97.6	(85-115)	
LCS2	Sodium, Total, ICAP	50	48.6	MGL	97.2	(85-115)	
MBLK	Sodium, Total, ICAP	ND	<1.0	MGL			
MRL_CHK	Sodium, Total, ICAP	1.000	0.999	MGL	99.9	(50-150)	
MS	Sodium, Total, ICAP	50	35.6	MGL	71.2	(70-130)	
MSD	Sodium, Total, ICAP	50	49.0	MGL	98.0	(70-130)	
RPD_LCS	Sodium, Total, ICAP	97.600	97.200	MGL	0.4	(0-20)	
RPD_MS	Sodium, Total, ICAP	71.200	98.000	MGL	31.7	(0-20)	

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QC Ref #312070 Beryllium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Beryllium, Total, ICAP/MS	5.00	4.86	UGL	97.2	(85-115)	
LCS2	Beryllium, Total, ICAP/MS	5.00	5.09	UGL	101.8	(85-115)	
MBLK	Beryllium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Beryllium, Total, ICAP/MS	1.000	0.99	UGL	99.0	(50-150)	
MS	Beryllium, Total, ICAP/MS	5.00	4.26	UGL	85.2	(70-130)	
MSD	Beryllium, Total, ICAP/MS	5.00	4.23	UGL	84.6	(70-130)	
RPD_LCS	Beryllium, Total, ICAP/MS	97.200	101.800	UGL	4.6	(0-20)	
RPD_MS	Beryllium, Total, ICAP/MS	85.200	84.600	UGL	0.7	(0-20)	

QC Ref #312076 Vanadium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Vanadium, Total, ICAP/MS	100	105	UGL	105.0	(85-115)	
LCS2	Vanadium, Total, ICAP/MS	100	104	UGL	104.0	(85-115)	
MBLK	Vanadium, Total, ICAP/MS	ND	<3.0	UGL			
MRL_CHK	Vanadium, Total, ICAP/MS	3.000	2.94	UGL	98.0	(50-150)	
MS	Vanadium, Total, ICAP/MS	100	93	UGL	93.0	(70-130)	
MSD	Vanadium, Total, ICAP/MS	100	94	UGL	94.0	(70-130)	
RPD_LCS	Vanadium, Total, ICAP/MS	105.000	104.000	UGL	1.0	(0-20)	
RPD_MS	Vanadium, Total, ICAP/MS	93.000	94.000	UGL	1.1	(0-20)	

QC Ref #312080 Cobalt, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Cobalt, Total, ICAP/MS	100	101	UGL	101.0	(85-115)	
LCS2	Cobalt, Total, ICAP/MS	100	102	UGL	102.0	(85-115)	

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MBLK	Cobalt, Total, ICAP/MS	ND	<2.0	UGL		
MS	Cobalt, Total, ICAP/MS	100	85	UGL	85.0	(70-130)
MSD	Cobalt, Total, ICAP/MS	100	84	UGL	84.0	(70-130)

QC Ref #312091 Silver, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Silver, Total, ICAP/MS	50	50.2	UGL	100.4	(85-115)	
LCS2	Silver, Total, ICAP/MS	50	50.3	UGL	100.6	(85-115)	
MBLK	Silver, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Silver, Total, ICAP/MS	0.500	0.537	UGL	107.4	(50-150)	
MS	Silver, Total, ICAP/MS	50	47.9	UGL	95.8	(70-130)	
MSD	Silver, Total, ICAP/MS	50	44.6	UGL	89.2	(70-130)	
RPD_LCS	Silver, Total, ICAP/MS	100.400	100.600	UGL	0.2	(0-20)	
RPD_MS	Silver, Total, ICAP/MS	95.800	89.200	UGL	7.1	(0-20)	

QC Ref #312207 Aluminum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Aluminum, Total, ICAP/MS	200	187	UGL	93.5	(85-115)	
LCS2	Aluminum, Total, ICAP/MS	200	187	UGL	93.5	(85-115)	
MBLK	Aluminum, Total, ICAP/MS	ND	<25	UGL			
MRL_CHK	Aluminum, Total, ICAP/MS	25.000	24.1	UGL	96.4	(50-150)	
MS	Aluminum, Total, ICAP/MS	200	199	UGL	99.5	(70-130)	
MSD	Aluminum, Total, ICAP/MS	200	198	UGL	99.0	(70-130)	
RPD_LCS	Aluminum, Total, ICAP/MS	93.500	93.500	UGL	0.0	(0-20)	
RPD_MS	Aluminum, Total, ICAP/MS	99.500	99.000	UGL	0.5	(0-20)	

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QC Ref #312208 Chromium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03250135	UGL		(0-0)	
LCS1	Chromium, Total, ICAP/MS	100	94	UGL	94.0	(85-115)	
LCS2	Chromium, Total, ICAP/MS	100	94	UGL	94.0	(85-115)	
MBLK	Chromium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Chromium, Total, ICAP/MS	1.000	1.3	UGL	130.0	(50-150)	
MS	Chromium, Total, ICAP/MS	100	82	UGL	82.0	(70-130)	
MSD	Chromium, Total, ICAP/MS	100	83	UGL	83.0	(70-130)	
RPD_LCS	Chromium, Total, ICAP/MS	94.000	94.000	UGL	0.0	(0-20)	
RPD_MS	Chromium, Total, ICAP/MS	82.000	83.000	UGL	1.2	(0-20)	

QC Ref #312226 Manganese, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Manganese, Total, ICAP/MS	50	48.3	UGL	96.6	(85-115)	
LCS2	Manganese, Total, ICAP/MS	50	48.9	UGL	97.8	(85-115)	
MBLK	Manganese, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Manganese, Total, ICAP/MS	2.000	2.03	UGL	101.5	(50-150)	
MS	Manganese, Total, ICAP/MS	50	44.8	UGL	89.6	(70-130)	
MSD	Manganese, Total, ICAP/MS	50	42.4	UGL	84.8	(70-130)	
RPD_LCS	Manganese, Total, ICAP/MS	96.600	97.800	UGL	1.2	(0-20)	
RPD_MS	Manganese, Total, ICAP/MS	89.600	84.800	UGL	5.5	(0-20)	

QC Ref #312228 Nickel, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Nickel, Total, ICAP/MS	50	47.4	UGL	94.8	(85-115)	
LCS2	Nickel, Total, ICAP/MS	50	47.8	UGL	95.6	(85-115)	

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MBLK	Nickel, Total, ICAP/MS	ND	<5.0	UGL		
MRL_CHK	Nickel, Total, ICAP/MS	5.000	5.09	UGL	101.8	(50-150)
MS	Nickel, Total, ICAP/MS	50	40.0	UGL	80.0	(70-130)
MSD	Nickel, Total, ICAP/MS	50	41.3	UGL	82.6	(70-130)
RPD_LCS	Nickel, Total, ICAP/MS	94.800	95.600	UGL	0.8	(0-20)
RPD_MS	Nickel, Total, ICAP/MS	80.000	82.600	UGL	3.2	(0-20)

QC Ref #312229 Copper, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Copper, Total, ICAP/MS	100	94	UGL	94.0	(85-115)	
LCS2	Copper, Total, ICAP/MS	100	93	UGL	93.0	(85-115)	
MBLK	Copper, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Copper, Total, ICAP/MS	2.000	2.01	UGL	100.5	(50-150)	
MS	Copper, Total, ICAP/MS	100	85	UGL	85.0	(70-130)	
MSD	Copper, Total, ICAP/MS	100	82	UGL	82.0	(70-130)	
RPD_LCS	Copper, Total, ICAP/MS	94.000	93.000	UGL	1.1	(0-20)	
RPD_MS	Copper, Total, ICAP/MS	85.000	82.000	UGL	3.6	(0-20)	

QC Ref #312230 Zinc, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Zinc, Total, ICAP/MS	100	96	UGL	96.0	(85-115)	
LCS2	Zinc, Total, ICAP/MS	100	97	UGL	97.0	(85-115)	
MBLK	Zinc, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Zinc, Total, ICAP/MS	5.000	7.2	UGL	144.0	(50-150)	
MS	Zinc, Total, ICAP/MS	100	94	UGL	94.0	(70-130)	
MSD	Zinc, Total, ICAP/MS	100	90	UGL	90.0	(70-130)	
RPD_LCS	Zinc, Total, ICAP/MS	96.000	97.000	UGL	1.0	(0-20)	
RPD_MS	Zinc, Total, ICAP/MS	94.000	90.000	UGL	4.3	(0-20)	

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QC Ref #312232 Selenium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Selenium, Total, ICAP/MS	20	19.7	UGL	98.5	(85-115)	
LCS2	Selenium, Total, ICAP/MS	20	19.5	UGL	97.5	(85-115)	
MBLK	Selenium, Total, ICAP/MS	ND	<5.0	UGL			
MRL_CHK	Selenium, Total, ICAP/MS	5.000	5.00	UGL	100.0	(50-150)	
MS	Selenium, Total, ICAP/MS	20	22.6	UGL	113.0	(70-130)	
MSD	Selenium, Total, ICAP/MS	20	22.8	UGL	114.0	(70-130)	
RPD_LCS	Selenium, Total, ICAP/MS	98.500	97.500	UGL	1.0	(0-20)	
RPD_MS	Selenium, Total, ICAP/MS	113.000	114.000	UGL	0.9	(0-20)	

QC Ref #312233 Molybdenum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Molybdenum, Total, ICAP/MS	100	95	UGL	95.0	(85-115)	
LCS2	Molybdenum, Total, ICAP/MS	100	95	UGL	95.0	(85-115)	
MBLK	Molybdenum, Total, ICAP/MS	ND	<2.0	UGL			
MS	Molybdenum, Total, ICAP/MS	100	119	UGL	119.0	(70-130)	
MSD	Molybdenum, Total, ICAP/MS	100	104	UGL	104.0	(70-130)	

QC Ref #312234 Cadmium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Cadmium, Total, ICAP/MS	20	20.3	UGL	101.5	(85-115)	
LCS2	Cadmium, Total, ICAP/MS	20	20.4	UGL	102.0	(85-115)	
MBLK	Cadmium, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Cadmium, Total, ICAP/MS	0.500	0.547	UGL	109.4	(50-150)	
MS	Cadmium, Total, ICAP/MS	20	21.0	UGL	105.0	(70-130)	

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MSD	Cadmium, Total, ICAP/MS	20	19.6	UGL	98.0	(70-130)
RPD_LCS	Cadmium, Total, ICAP/MS	101.500	102.000	UGL	0.5	(0-20)
RPD_MS	Cadmium, Total, ICAP/MS	105.000	98.000	UGL	6.9	(0-20)

QC Ref #312237 Antimony, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Antimony, Total, ICAP/MS	50	51.5	UGL	103.0	(85-115)	
LCS2	Antimony, Total, ICAP/MS	50	52.0	UGL	104.0	(85-115)	
MBLK	Antimony, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Antimony, Total, ICAP/MS	1.000	1.16	UGL	116.0	(50-150)	
MS	Antimony, Total, ICAP/MS	50	53.3	UGL	106.6	(70-130)	
MSD	Antimony, Total, ICAP/MS	50	47.5	UGL	95.0	(70-130)	
RPD_LCS	Antimony, Total, ICAP/MS	103.000	104.000	UGL	1.0	(0-20)	
RPD_MS	Antimony, Total, ICAP/MS	106.600	95.000	UGL	11.5	(0-20)	

QC Ref #312241 Barium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Barium, Total, ICAP/MS	100	106	UGL	106.0	(85-115)	
LCS2	Barium, Total, ICAP/MS	100	106	UGL	106.0	(85-115)	
MBLK	Barium, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Barium, Total, ICAP/MS	2.000	2.32	UGL	116.0	(50-150)	
MS	Barium, Total, ICAP/MS	100	106	UGL	106.0	(70-130)	
MSD	Barium, Total, ICAP/MS	100	97	UGL	97.0	(70-130)	
RPD_LCS	Barium, Total, ICAP/MS	106.000	106.000	UGL	0.0	(0-20)	
RPD_MS	Barium, Total, ICAP/MS	106.000	97.000	UGL	8.9	(0-20)	

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QC Ref #312243 Thallium, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Thallium, Total, ICAP/MS	20.0	19.0	UGL	95.0	(85-115)	
LCS2	Thallium, Total, ICAP/MS	20.0	19.2	UGL	96.0	(85-115)	
MBLK	Thallium, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Thallium, Total, ICAP/MS	1.000	1.03	UGL	103.0	(50-150)	
MS	Thallium, Total, ICAP/MS	20.0	21.5	UGL	107.5	(70-130)	
MSD	Thallium, Total, ICAP/MS	20.0	19.7	UGL	98.5	(70-130)	
RPD_LCS	Thallium, Total, ICAP/MS	95.000	96.000	UGL	1.0	(0-20)	
RPD_MS	Thallium, Total, ICAP/MS	107.500	98.500	UGL	8.7	(0-20)	

QC Ref #312244 Lead, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Lead, Total, ICAP/MS	20	19.5	UGL	97.5	(85-115)	
LCS2	Lead, Total, ICAP/MS	20	19.5	UGL	97.5	(85-115)	
MBLK	Lead, Total, ICAP/MS	ND	<0.50	UGL			
MRL_CHK	Lead, Total, ICAP/MS	0.500	0.519	UGL	103.8	(50-150)	
MS	Lead, Total, ICAP/MS	20	21.2	UGL	106.0	(70-130)	
MSD	Lead, Total, ICAP/MS	20	19.5	UGL	97.5	(70-130)	
RPD_LCS	Lead, Total, ICAP/MS	97.500	97.500	UGL	0.0	(0-20)	
RPD_MS	Lead, Total, ICAP/MS	106.000	97.500	UGL	8.4	(0-20)	

QC Ref #312248 Arsenic, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Arsenic, Total, ICAP/MS	20	18.8	UGL	94.0	(85-115)	
LCS2	Arsenic, Total, ICAP/MS	20	19.3	UGL	96.5	(85-115)	

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MBLK	Arsenic, Total, ICAP/MS	ND	<1.0	UGL		
MRL_CHK	Arsenic, Total, ICAP/MS	1.000	1.09	UGL	109.0	(50-150)
MS	Arsenic, Total, ICAP/MS	20	22.2	UGL	111.0	(70-130)
MSD	Arsenic, Total, ICAP/MS	20	22.0	UGL	110.0	(70-130)
RPD_LCS	Arsenic, Total, ICAP/MS	94.000	96.500	UGL	2.6	(0-20)
RPD_MS	Arsenic, Total, ICAP/MS	111.000	110.000	UGL	0.9	(0-20)

QC Ref #312888 Sulfate

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	04040066	MGL		(0-0)	
LCS1	Sulfate	50	53.8	MGL	107.6	(90-110)	
LCS2	Sulfate	50	53.6	MGL	107.2	(90-110)	
MBLK	Sulfate	ND	<0.50	MGL			
MRL_CHK	Sulfate	0.500	0.500	MGL	100.0	(50-150)	
MS	Sulfate	25	26.1	MGL	104.4	(90-110)	
MSD	Sulfate	25	26.3	MGL	105.2	(90-110)	
RPD_LCS	Sulfate	107.600	107.200	MGL	0.4	(0-20)	
RPD_MS	Sulfate	104.400	105.200	MGL	0.8	(0-20)	

QC Ref #313123 Tungsten, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Tungsten, Total, ICAP/MS	20	21.3	UGL	106.5	(85-115)	
LCS2	Tungsten, Total, ICAP/MS	20	22.3	UGL	111.5	(85-115)	
MBLK	Tungsten, Total, ICAP/MS	ND	<2.0	UGL			
MRL_CHK	Tungsten, Total, ICAP/MS	1.000	1.16	UGL	116.0	(50-150)	
MS	Tungsten, Total, ICAP/MS	20	19.7	UGL	98.5	(70-130)	
MSD	Tungsten, Total, ICAP/MS	20	20.4	UGL	102.0	(70-130)	
RPD_LCS	Tungsten, Total, ICAP/MS	106.500	111.500	UGL	4.6	(0-20)	
RPD_MS	Tungsten, Total, ICAP/MS	98.500	102.000	UGL	3.5	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining. Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

MWH Laboratories
A Division of MWH Americas, Inc.

750 Royal Oaks Drive, Suite 100
Monrovia, California 91016-3629
Tel: 626 386 1100
Fax: 626 386 1101
1 800 566 LABS (1 800 566 5227)

ENSR
(continued)

QC Ref #313130 Platinum, Total, ICAP/MS

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab# 25	03240135	UGL		(0-0)	
LCS1	Platinum, Total, ICAP/MS	20	20.6	UGL	103.0	(85-115)	
LCS2	Platinum, Total, ICAP/MS	20	21.1	UGL	105.5	(85-115)	
MBLK	Platinum, Total, ICAP/MS	ND	<1.0	UGL			
MRL_CHK	Platinum, Total, ICAP/MS	1.000	0.95	UGL	95.0	(50-150)	
MS	Platinum, Total, ICAP/MS	20	19.3	UGL	96.5	(85-115)	
MSD	Platinum, Total, ICAP/MS	20	20.5	UGL	102.5	(85-115)	

QC Ref #313939 Uranium

QC	Analyte	Spiked	Recovered	Units	Yield (%)	Limits (%)	RPD (%)
AASPKSMP	Spiked sample	Lab # 26	03240135	UGL		(0-0)	
LCS1	Uranium	20	19	UGL	95.0	(85-115)	
LCS2	Uranium	20	19.2	UGL	96.0	(85-115)	
MBLK	Uranium	ND	<1.0	UGL			
MS	Uranium	20	19.5	UGL	97.5	(70-130)	
MSD	Uranium	20	19	UGL	95.0	(70-130)	
RPD_LCS	Uranium	95.000	96.000	UGL	1.0	(0-20)	
RPD_MS	Uranium	97.500	95.000	UGL	2.6	(0-20)	

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.
Criteria for MS and DUP are advisory only, batch control is based on LCS. Criteria for duplicates are advisory only, unless otherwise specified in the method.

EMAX Laboratories, Inc.

SDG Login Review Sheet

Due Date: 4/11/2006

Date: 3/15/2006

Client Code: ENS0601_

Client: ENSR

Project: Upgradient Investigation, Tronox

EMAX PM: Ye

SDG: 06C119

Send Report To: Attn: Linda Geddes

Company: MWH

Address: 750 Royal Oaks Dr, Suite 100
Monrovia CA 91016-3629
NA

3/15/06

Lwks ID	Control #	Sample ID	Matrix	Coll Date	Time	Date Rcvd	Lwks Method	Analysis
EN41686	C119-01	TR-10A	WATER	3/13/2006	14:30	3/14/2006	ALCOHOLW	Methanol & Ethanol
	C119-01	TR-10A	WATER	3/13/2006	14:30	3/14/2006	TPHGROW	Gasoline Range Organics
	C119-01	TR-10A	WATER	3/13/2006	14:30	3/14/2006	EGL8015W	Ethylene Glycol
	C119-01	TR-10A	WATER	3/13/2006	14:30	3/14/2006	VOW	Volatile Organics by GC/MS
EN41687	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	ALCOHOLW	Methanol & Ethanol
	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	TPHDROW	Diesel Range Organics
	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	TPHMW	Motor Oil
	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	TPHGROW	Gasoline Range Organics
	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	EGL8015W	Ethylene Glycol
	C119-02	Pump Blank	WATER	3/13/2006	10:45	3/14/2006	VOW	Volatile Organics by GC/MS

SAMPLE RECEIPT FORM 1

Type of Delivery	Delivered By/Airbill		
☐ EMAX Courier		ECN	06C119
☐ Client Delivery		Recepient	Luna
☑ Third Party	Fedex 856246670231	Date	3-14-06
		Time	09:30

COC Inspection

☑ Client Name	☑ Sampler Name	☑ Sampling Date/Time/Location
☐ Address	☐ Courier Signature/Date/Time	☑ Analysis Required
☑ Client PM/FC	☐ TAT	☑ Matrix
☑ Tel #/Fax #	☑ Sample ID	☐ Preservative (if any)
Safety Issues ☑ None	☐ High Concentrations expected	☐ Superfund Site Samples
Comments: ☐ Rad Screening Required		

Packaging Inspection

Container	☑ Cooler	☐ Box	☐	☐
Condition	☐ Custody Seal	☐ Intact	☑ Damaged	☐
Packaging	☐ Bubble Pack	☐ Styrofoam	☐ Sufficient	☐
Temperatures	☑ Cooler 1 4.3	☑ Cooler 2 ____	☐ Cooler 3 ____	☐ Cooler 4 ____
	☐ Cooler 5 ____	☐ Cooler 6 ____	☐ Cooler 7 ____	☐ Cooler 8 ____
	☐ Cooler 9 ____	☐ Cooler 10 ____	☐ Cooler 11 ____	☐ Cooler 12 ____

Comments:

LSCID	Client ID	Discrepancy	Corrective Action
		No collection time on bottles	
C119-01		Both number of bottles WK 8015E were received broken.	
C119-02		Rec. eleven containers COC reads twelve	

LSCID : Lab Sample Container ID

REVIEWS

Sample Labeling Luna Date 3/14/06

SRF _____ Date _____

PM _____ Date _____

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: EMAX Labs
Torrance, CA
(310) 618-8889

HS

06C119

SITE Henderson DATE 3/13/06 PAGE 1 OF 1

CLIENT Tronox LLC
PROJECT NAME: Upgradient Investigation
PROJECT MANAGER: Dave Berry
JOB #: 04020-023-150
COELT LOG CODE: YES (NO)
SAMPLER SIGNATURE Brian Ho
Brian Ho

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline (Full Range)	8081A Pesticides	CAM 17 Metals	Fuel Alcohols 8015B	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	TR-10A	3/13/06	14:30	X		X			X	W	G	12	
2.													
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													

TURN-AROUND TIME: Standard

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES: All samples are preserved on ice. Water samples are preserved as indicated on the sample labels. T = 4.3 °C

TEMPERATURE BLANK EACH COOLER: [X] YES [ ] NO

RELINQUISHED BY: Brian Ho	SIGNATURE Brian Ho	ENSR International	DATE 3/13/06	TIME 16:40	TOTAL NUMBER OF CONTAINERS:
RECEIVED BY: Federal Express # 8562	SIGNATURE	COMPANY 4167 0231	DATE 3/13/06	TIME 16:40	METHOD OF SHIPMENT Federal Express
RELINQUISHED BY:	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY J. LUNA	SIGNATURE	COMPANY EMAX	DATE 3/14/06	TIME 0930	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5146

SAMPLES RECEIVED FOR ECN: 060119

ECN (*)	SAMPLE CONTAINER ID	Sample Amount Sufficiency	CONTAINER TYPE								CHEMICAL PRESERVATIVE									Filtered	
			Jar	Amber	HDPE	Encore	Vial	Tube	Bag	Other	NONE	HCl (pH<2)	HNO3 (pH<2)	H2SO4 (pH<2)	ZnAc +NaOH (pH>12) PHTE	Acid+ZnAc (pH<2)	Na2SO4	NaOH (pH>12)	Other	Yes	No
1	* 1						✓					✓									
	* 2						✓					✓									
	* 3						✓					✓									
	* 4						✓					✓									
	* 5						✓					✓									
	* 6						✓					✓									
	* 7						✓				✓										
	* 8						✓				✓										
	* 9						✓				✓										
	*1 0						✓				✓										
2	* 1						✓					✓									
	* 2						✓					✓									
	* 3						✓					✓									
	* 4						✓					✓									
	* 5						✓					✓									
	* 6						✓					✓									
	* 7						✓				✓										
	* 8						✓				✓										
	* 9						✓				✓										
	*2 0			✓							✓										
	*2 1			✓							✓										
	* 2																				
	* 3																				
	* 4																				
	* 5																				
	* 6																				
	* 7																				
	* 8																				
	* 9																				
	* 0																				

3/14/06

ENSR | AECOM

ENSR
1220 Avenida Acaso, Camarillo, California 93012-8738
T 805.388.3775 F 805.388.3577 www.ener.aecom.com

Facsimile

Deliver to:

Name: Ye Myint
Firm: EMAX Laboratories, Inc
Fax number: (310) 618-0818
Phone number:
Project number: 04020-023-150

From:

Name: Brian Ho - Guest at Holiday Inn Express, Room 231
Direct line:
Date transmitted: 3/13/06
Pages to follow: 1

Subject: Correction to Chain of Custody #: 5146

Message

Hello Ye:

On Tuesday (3/14), you will receive three ice chests from me. One of the ice chest contains water samples accompanied by Chain of Custody Form #5146. On that form, I forgot to list a Pump Blank sample even though the sample bottles for the Pump Blank are contained within. ~~The~~ Attached to this fax is the corrected Chain-of-Custody, which shows samples TR-10A and the Pump Blank sample.

Call me (805) 795-3334 if you have any questions.

Thanks,

Brian

A Trusted Global Environmental, Health and Safety Partner

ENSR International
1220 Avenida Acaso
Camarillo, CA 93012-8738
Phone (805) 388-3775
Fax (805) 388-3577

ANALYTICAL LAB: EMAX Labs 06C1119

H6 / VW1-36 / 38

SITE Henderson DATE 3/13/06 PAGE 1 OF 1

CLIENT	Tronox LLC
PROJECT NAME	Upgradient Investigation
PROJECT MANAGER	[illegible]
JOB #	[illegible]
COELT LOG CODE: YES (NO)	
SAMPLER SIGNATURE	[illegible]

LINE ITEM	SAMPLE NO.	DATE	TIME	8260B / 5035 Volatile Organics	8260B BTEX / MTBE / Oxygenates	8015 Diesel / Gasoline (Full Range)	8081A Pesticides	CAM 17 Metals	Ferrous Iron 8055	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	OBSERVATIONS/ COMMENTS
1.	TR-10A	3/13/06	14:30	X		X			X	W	G	12	
2.	Pump Blank	3/13/06	10:45	X		X			X	W	G	12	
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													

TURN-AROUND TIME: [illegible]

MATRIX TYPE: S - Soil, W - Water, O - Other
CONTAINER TYPE: G - Glass Bottle, P - Plastic, O - Other

PRESERVATIVES: All samples are preserved on ice. T = 4.3 °C
Water samples are preserved as indicated on the sample labels

TEMPERATURE BLANK EACH COOLER: [X] YES [ ] NO

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS:
Brian H2	[signature]	ENSR International	3/13/06	16:40	
RECEIVED BY: Federal Express #2 8502	SIGNATURE	COMPANY 4167 0231	DATE 3/13/06	TIME 16:40	METHOD OF SHIPMENT Federal Express
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	SPECIAL SHIMENT/HANDLING/STORAGE REQUIREMENTS:
RECEIVED BY J. Lins	SIGNATURE [signature]	COMPANY Emax	DATE 3/14/06	TIME 0931	

DISTRIBUTION: White and Canary = Laboratory Pink = ENSR International

Serial No. 5113

METHOD M8015
ALCOHOLS BY GC

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/17/06 09:45
Sample ID:	TR-10A	Date Analyzed:	03/17/06 09:45
Lab Samp ID:	C119-01	Dilution Factor:	1
Lab File ID:	DC17006A	Matrix :	WATER
Ext Btch ID:	MEC009W	% Moisture :	NA
Calib. Ref.:	DC17002A	Instrument ID :	GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
METHANOL	ND	1	.5
ETHANOL	ND	1	.5

METHOD M8015
ALCOHOLS BY GC

Client	: ENSR	Date Collected	: 03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received	: 03/14/06
Batch No.	: 06C119	Date Extracted	: 03/17/06 10:00
Sample ID	: PUMP BLANK	Date Analyzed	: 03/17/06 10:00
Lab Samp ID	: C119-02	Dilution Factor	: 1
Lab File ID	: DC17007A	Matrix	: WATER
Ext Btch ID	: MEC009W	% Moisture	: NA
Calib. Ref.	: DC17002A	Instrument ID	: GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
METHANOL	ND	1	.5
ETHANOL	ND	1	.5

METHOD M8015
ALCOHOLS BY GC

Client	: ENSR	Date Collected	: NA
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received	: 03/17/06
Batch No.	: 06C119	Date Extracted	: 03/17/06 08:57
Sample ID	: MBLK1W	Date Analyzed	: 03/17/06 08:57
Lab Samp ID	: MEC009WB	Dilution Factor	: 1
Lab File ID	: DC17003A	Matrix	: WATER
Ext Btch ID	: MEC009W	% Moisture	: NA
Calib. Ref.	: DC17002A	Instrument ID	: GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
METHANOL	ND	1	.5
ETHANOL	ND	1	.5

METHOD 3520C/8015B
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/16/06 15:30
Sample ID:	PUMP BLANK	Date Analyzed:	03/21/06 00:05
Lab Samp ID:	C119-02	Dilution Factor:	.94
Lab File ID:	TC20019A	Matrix	: WATER
Ext Btch ID:	DSC015W	% Moisture	: NA
Calib. Ref.:	TC20017A	Instrument ID	: GCT050

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DRO	ND	.47	.094
ORO	ND	.94	.094

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	66	45-154
HEXACOSANE	62*	63-165

RL : Reporting Limit

Parameter	H-C Range
DRO	C10-C28
ORO	C28-C38

* : Out of QC limits

METHOD 3520C/8015B
TOTAL PETROLEUM HYDROCARBONS BY EXTRACTION

Client	: ENSR	Date Collected:	NA
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/16/06
Batch No.	: 06C119	Date Extracted:	03/16/06 15:30
Sample ID:	MBLK1W	Date Analyzed:	03/20/06 21:18
Lab Samp ID:	DSC015WB	Dilution Factor:	1
Lab File ID:	TC20015A	Matrix :	WATER
Ext Btch ID:	DSC015W	% Moisture :	NA
Calib. Ref.:	TC20004A	Instrument ID :	GCT050

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
DRO	ND	.5	.1
ORO	ND	1	.1

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOBENZENE	68	50-140
HEXACOSANE	119	70-150

RL : Reporting Limit

Parameter	H-C Range
DRO	C10-C28
ORO	C28-C38

METHOD 5030B/8015B
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/16/06 22:52
Sample ID:	TR-10A	Date Analyzed:	03/16/06 22:52
Lab Samp ID:	C119-01	Dilution Factor:	1
Lab File ID:	EC16016A	Matrix :	WATER
Ext Btch ID:	VA39C08	% Moisture :	NA
Calib. Ref.:	EC16014A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GRO **	ND	.1	.02

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	91	60-140

RL : Reporting Limit

Parameter	H-C Range
GRO	C6-C10

** : Discrete peak(s) was not reported

METHOD 5030B/8015B
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/16/06 23:30
Sample ID:	PUMP BLANK	Date Analyzed:	03/16/06 23:30
Lab Samp ID:	C119-02	Dilution Factor:	1
Lab File ID:	EC16017A	Matrix :	WATER
Ext Btch ID:	VA39C08	% Moisture :	NA
Calib. Ref.:	EC16014A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GRO	ND	.1	.02

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	91	60-140

RL : Reporting Limit

Parameter	H-C Range
GRO	C6-C10

METHOD 5030B/8015B
TOTAL PETROLEUM HYDROCARBONS BY PURGE AND TRAP

Client	: ENSR	Date Collected:	NA
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/16/06
Batch No.	: 06C119	Date Extracted:	03/16/06 14:33
Sample ID:	MBLK1W	Date Analyzed:	03/16/06 14:33
Lab Samp ID:	VA39C08B	Dilution Factor:	1
Lab File ID:	EC16003A	Matrix :	WATER
Ext Btch ID:	VA39C08	% Moisture :	NA
Calib. Ref.:	EC16002A	Instrument ID :	GCT039

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
GRO	ND	.1	.02

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
BROMOFLUOROBENZENE	95	70-130

RL : Reporting Limit

Parameter	H-C Range
GRO	C6-C10

SW 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/18/06 00:54
Sample ID:	TR-10A	Date Analyzed:	03/18/06 00:54
Lab Samp ID:	C119-01	Dilution Factor:	1
Lab File ID:	RCB310	Matrix	: WATER
Ext Btch ID:	VO03C26	% Moisture	: NA
Calib. Ref.:	RBB058	Instrument ID	: T-003

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1,2-TETRACHLOROETHANE	ND	5	1
1,1,1-TRICHLOROETHANE	ND	5	1
1,1,2,2-TETRACHLOROETHANE	ND	5	1
1,1,2-TRICHLOROETHANE	ND	5	1
1,1-DICHLOROETHANE	ND	5	1
1,1-DICHLOROETHENE	ND	5	1
1,1-DICHLOROPROPENE	ND	5	1
1,2,3-TRICHLOROBENZENE	ND	5	1
1,2,3-TRICHLOROPROPANE	ND	5	1
1,2,4-TRICHLOROBENZENE	ND	5	1
1,2,4-TRIMETHYLBENZENE	ND	5	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	5	1
1,2-DICHLOROBENZENE	ND	5	1
1,2-DICHLOROETHANE	ND	5	1
1,2-DICHLOROPROPANE	ND	5	1
1,2-DIBROMOETHANE	ND	5	1
1,3,5-TRIMETHYLBENZENE	ND	5	1
1,3-DICHLOROBENZENE	ND	5	1
1,3-DICHLOROPROPANE	ND	5	1
1,4-DICHLOROBENZENE	ND	5	1
1-CHLOROHEXANE	ND	5	1
2,2-DICHLOROPROPANE	ND	5	1
2-CHLOROTOLUENE	ND	5	1
4-CHLOROTOLUENE	ND	5	1
BENZENE	ND	5	1
BROMOBENZENE	ND	5	1
BROMOCHLOROMETHANE	ND	5	1
BROMODICHLOROMETHANE	ND	5	1
BROMOFORM	ND	5	1
BROMOMETHANE	ND	10	1
CARBON TETRACHLORIDE	ND	5	1
CHLOROBENZENE	ND	5	1
CHLOROETHANE	ND	5	1
CHLOROFORM	ND	5	1
CHLOROMETHANE	ND	5	1
CIS-1,2-DICHLOROETHENE	ND	5	1
CIS-1,3-DICHLOROPROPENE	ND	5	1
DIBROMOCHLOROMETHANE	ND	5	1
DIBROMOMETHANE	ND	5	1
DICHLORODIFLUOROMETHANE	ND	5	1
ETHYLBENZENE	ND	5	1
HEXACHLOROBUTADIENE	ND	10	1
ISOPROPYL BENZENE	ND	5	1
XYLENES	ND	10	2
METHYLENE CHLORIDE	ND	10	1
N-BUTYLBENZENE	ND	5	1
N-PROPYLBENZENE	ND	5	1
NAPHTHALENE	ND	5	1
P-ISOPROPYLTOLUENE	ND	5	1
SEC-BUTYLBENZENE	ND	5	1
STYRENE	ND	5	1
TERT-BUTYLBENZENE	ND	5	1
TETRACHLOROETHYLENE	ND	5	1
TOLUENE	ND	5	1
TRANS-1,2-DICHLOROETHENE	ND	5	1
TRANS-1,3-DICHLOROPROPENE	ND	5	1
TRICHLOROETHENE	ND	5	1
TRICHLOROFLUOROMETHANE	ND	5	1
VINYL CHLORIDE	ND	5	1
ACETONE	ND	10	5
2-BUTANONE	ND	10	5
MTBE	ND	5	1
4-METHYL-2-PENTANONE	ND	10	5
DIPE	ND	5	1
ETBE	ND	5	1
TAME	ND	5	1
TERT-BUTANOL	ND	50	10
2-HEXANONE	ND	10	5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	104	70-130
TOLUENE-D8	99	70-140

SW 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/18/06 01:32
Sample ID:	PUMP BLANK	Date Analyzed:	03/18/06 01:32
Lab Samp ID:	C119-02	Dilution Factor:	1
Lab File ID:	RCB311	Matrix	: WATER
Ext Btch ID:	VO03C26	% Moisture	: NA
Calib. Ref.:	RBB058	Instrument ID	: T-003

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1,2-TETRACHLOROETHANE	ND	5	1
1,1,1-TRICHLOROETHANE	ND	5	1
1,1,2,2-TETRACHLOROETHANE	ND	5	1
1,1,2-TRICHLOROETHANE	ND	5	1
1,1-DICHLOROETHANE	ND	5	1
1,1-DICHLOROETHENE	ND	5	1
1,1-DICHLOROPROPENE	ND	5	1
1,2,3-TRICHLOROBENZENE	ND	5	1
1,2,3-TRICHLOROPROPANE	ND	5	1
1,2,4-TRICHLOROBENZENE	ND	5	1
1,2,4-TRIMETHYLBENZENE	ND	5	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	5	1
1,2-DICHLOROBENZENE	ND	5	1
1,2-DICHLOROETHANE	ND	5	1
1,2-DICHLOROPROPANE	ND	5	1
1,2-DIBROMOETHANE	ND	5	1
1,3,5-TRIMETHYLBENZENE	ND	5	1
1,3-DICHLOROBENZENE	ND	5	1
1,3-DICHLOROPROPANE	ND	5	1
1,4-DICHLOROBENZENE	ND	5	1
1-CHLOROHEXANE	ND	5	1
2,2-DICHLOROPROPANE	ND	5	1
2-CHLOROTOLUENE	ND	5	1
4-CHLOROTOLUENE	ND	5	1
BENZENE	ND	5	1
BROMOBENZENE	ND	5	1
BROMOCHLOROMETHANE	ND	5	1
BROMODICHLOROMETHANE	ND	5	1
BROMOFORM	ND	5	1
BROMOMETHANE	ND	10	1
CARBON TETRACHLORIDE	ND	5	1
CHLOROBENZENE	ND	5	1
CHLOROETHANE	ND	5	1
CHLOROFORM	ND	5	1
CHLOROMETHANE	ND	5	1
CIS-1,2-DICHLOROETHENE	ND	5	1
CIS-1,3-DICHLOROPROPENE	ND	5	1
DIBROMOCHLOROMETHANE	ND	5	1
DIBROMOMETHANE	ND	5	1
DICHLORODIFLUOROMETHANE	ND	5	1
ETHYLBENZENE	ND	5	1
HEXACHLOROBUTADIENE	ND	10	1
ISOPROPYL BENZENE	ND	5	1
XYLENES	ND	10	2
METHYLENE CHLORIDE	ND	10	1
N-BUTYLBENZENE	ND	5	1
N-PROPYLBENZENE	ND	5	1
NAPHTHALENE	ND	5	1
P-ISOPROPYLTOLUENE	ND	5	1
SEC-BUTYLBENZENE	ND	5	1
STYRENE	ND	5	1
TERT-BUTYLBENZENE	ND	5	1
TETRACHLOROETHYLENE	ND	5	1
TOLUENE	ND	5	1
TRANS-1,2-DICHLOROETHENE	ND	5	1
TRANS-1,3-DICHLOROPROPENE	ND	5	1
TRICHLOROETHENE	ND	5	1
TRICHLOROFLUOROMETHANE	ND	5	1
VINYL CHLORIDE	ND	5	1
ACETONE	ND	10	5
2-BUTANONE	ND	10	5
MTBE	ND	5	1
4-METHYL-2-PENTANONE	ND	10	5
DIPE	ND	5	1
ETBE	ND	5	1
TAME	ND	5	1
TERT-BUTANOL	ND	50	10
2-HEXANONE	ND	10	5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	108	70-140
4-BROMOFLUOROBENZENE	105	70-130
TOLUENE-D8	104	70-140

SW 5030B/8260B
VOLATILE ORGANICS BY GC/MS

Client	: ENSR	Date Collected:	NA
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/17/06
Batch No.	: 06C119	Date Extracted:	03/17/06 21:12
Sample ID:	MBLK1W	Date Analyzed:	03/17/06 21:12
Lab Samp ID:	VO03C26B	Dilution Factor:	1
Lab File ID:	RCB304	Matrix :	WATER
Ext Btch ID:	VO03C26	% Moisture :	NA
Calib. Ref.:	RBB058	Instrument ID :	T-003

PARAMETERS	RESULTS (ug/L)	RL (ug/L)	MDL (ug/L)
1,1,1,2-TETRACHLOROETHANE	ND	5	1
1,1,1-TRICHLOROETHANE	ND	5	1
1,1,2,2-TETRACHLOROETHANE	ND	5	1
1,1,2-TRICHLOROETHANE	ND	5	1
1,1-DICHLOROETHANE	ND	5	1
1,1-DICHLOROETHENE	ND	5	1
1,1-DICHLOROPROPENE	ND	5	1
1,2,3-TRICHLOROBENZENE	ND	5	1
1,2,3-TRICHLOROPROPANE	ND	5	1
1,2,4-TRICHLOROBENZENE	ND	5	1
1,2,4-TRIMETHYLBENZENE	ND	5	1
1,2-DIBROMO-3-CHLOROPROPANE	ND	5	1
1,2-DICHLOROBENZENE	ND	5	1
1,2-DICHLOROETHANE	ND	5	1
1,2-DICHLOROPROPANE	ND	5	1
1,2-DIBROMOETHANE	ND	5	1
1,3,5-TRIMETHYLBENZENE	ND	5	1
1,3-DICHLOROBENZENE	ND	5	1
1,3-DICHLOROPROPANE	ND	5	1
1,4-DICHLOROBENZENE	ND	5	1
1-CHLOROHEXANE	ND	5	1
2,2-DICHLOROPROPANE	ND	5	1
2-CHLOROTOLUENE	ND	5	1
4-CHLOROTOLUENE	ND	5	1
BENZENE	ND	5	1
BROMOBENZENE	ND	5	1
BROMOCHLOROMETHANE	ND	5	1
BROMODICHLOROMETHANE	ND	5	1
BROMOFORM	ND	5	1
BROMOMETHANE	ND	10	1
CARBON TETRACHLORIDE	ND	5	1
CHLOROBENZENE	ND	5	1
CHLOROETHANE	ND	5	1
CHLOROFORM	ND	5	1
CHLOROMETHANE	ND	5	1
CIS-1,2-DICHLOROETHENE	ND	5	1
CIS-1,3-DICHLOROPROPENE	ND	5	1
DIBROMOCHLOROMETHANE	ND	5	1
DIBROMOMETHANE	ND	5	1
DICHLORODIFLUOROMETHANE	ND	5	1
ETHYLBENZENE	ND	5	1
HEXACHLOROBUTADIENE	ND	10	1
ISOPROPYL BENZENE	ND	5	1
XYLENES	ND	10	2
METHYLENE CHLORIDE	ND	10	1
N-BUTYLBENZENE	ND	5	1
N-PROPYLBENZENE	ND	5	1
NAPHTHALENE	ND	5	1
P-ISOPROPYLTOLUENE	ND	5	1
SEC-BUTYLBENZENE	ND	5	1
STYRENE	ND	5	1
TERT-BUTYLBENZENE	ND	5	1
TETRACHLOROETHYLENE	ND	5	1
TOLUENE	ND	5	1
TRANS-1,2-DICHLOROETHENE	ND	5	1
TRANS-1,3-DICHLOROPROPENE	ND	5	1
TRICHLOROETHENE	ND	5	1
TRICHLOROFLUOROMETHANE	ND	5	1
VINYL CHLORIDE	ND	5	1
ACETONE	ND	10	5
2-BUTANONE	ND	10	5
MTBE	ND	5	1
4-METHYL-2-PENTANONE	ND	10	5
DIPE	ND	5	1
ETBE	ND	5	1
TAME	ND	5	1
TERT-BUTANOL	ND	50	10
2-HEXANONE	ND	10	5

SURROGATE PARAMETERS	% RECOVERY	QC LIMIT
1,2-DICHLOROETHANE-D4	100	70-140
4-BROMOFLUOROBENZENE	107	70-130
TOLUENE-D8	105	70-130

METHOD M8015
ETHYLENE GLYCOL

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/16/06 18:33
Sample ID:	TR-10A	Date Analyzed:	03/16/06 18:33
Lab Samp ID:	C119-01	Dilution Factor:	1
Lab File ID:	DC16031A	Matrix :	WATER
Ext Btch ID:	EGC008W	% Moisture :	NA
Calib. Ref.:	DC16027A	Instrument ID :	GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
ETHYLENE GLYCOL	ND	10	5

METHOD M8015
ETHYLENE GLYCOL

Client	: ENSR	Date Collected:	03/13/06
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received:	03/14/06
Batch No.	: 06C119	Date Extracted:	03/16/06 18:42
Sample ID:	PUMP BLANK	Date Analyzed:	03/16/06 18:42
Lab Samp ID:	C119-02	Dilution Factor:	1
Lab File ID:	DC16032A	Matrix :	WATER
Ext Btch ID:	EGC008W	% Moisture :	NA
Calib. Ref.:	DC16027A	Instrument ID :	GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
ETHYLENE GLYCOL	ND	10	5

METHOD M8015
ETHYLENE GLYCOL

Client	: ENSR	Date Collected	: NA
Project	: UPGRADIENT INVESTIGATION, TRONOX	Date Received	: 03/16/06
Batch No.	: 06C119	Date Extracted	: 03/16/06 18:14
Sample ID	: MBLK1W	Date Analyzed	: 03/16/06 18:14
Lab Samp ID	: EGC008WB	Dilution Factor	: 1
Lab File ID	: DC16030A	Matrix	: WATER
Ext Btch ID	: EGC008W	% Moisture	: NA
Calib. Ref.	: DC16027A	Instrument ID	: GCT043

PARAMETERS	RESULTS (mg/L)	RL (mg/L)	MDL (mg/L)
ETHYLENE GLYCOL	ND	10	5

CASE NARRATIVE
for
MWH LABORATORIES
MWH PROJECT: 99-22191/169580
TRONOX HENDERSON SITE
SDG: 158272

April 27, 2006

Laboratory Identification:

General Engineering Laboratories, LLC
2040 Savage Road
Charleston, South Carolina 29407
(843) 556-8171

Summary

Sample receipt The sample arrived at General Engineering Laboratories, LLC, Charleston, South Carolina on March 16, 2006 for analysis. Shipping container temperature was checked, documented, and within specifications. The chain of custody was not signed as relinquished by the sampler. The client was notified. Please refer to the enclosed e-mail. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Sample Identification The laboratory received the following sample:

Laboratory ID	Client ID
158272001	2603140436 TR-10A

Case Narrative

Sample analyses were conducted using methodology as outlined in General Engineering Laboratories (GEL) Standard Operating Procedures. Any technical or administrative problems during analysis, data review, and reduction are contained in the analytical case narratives in the enclosed data package.

Data Package

The enclosed data package contains the following sections: Case Narrative, Chain of Custody, Cooler Receipt Checklist, Data Package Qualifier Definitions and data from the following fractions: Radiochemistry.

This data package, to the best of my knowledge, is in compliance with technical and administrative requirements.

Edith M. Kent

Edith Kent

Project Manager

Chain of Custody and Supporting Documentation

MWH Laboratories
A Division of MWH Americas, Inc.
750 Royal Oaks Drive Suite 100
Monrovia, CA 91016-3629
Ph (626) 386-1100 Fax (626) 386-1095

Date 03/15/06

Submittal Form & Purchase Order 99-22191

*REPORTING REQUIREMENTS: *Do Not Combine Report with any other samples submitted under different MWH project numbers!*
Report & Invoice must have the MWH Project Number 169580 Sub PO# 99-22191 and Job # Find Out

Report all quality control data according to Method. Include dates analyzed, date extracted (if extracted) and Method reference on the report.
Results must have **Complete data & QC with Approval Signature.** See reverse side for List of Terms and Conditions

hip To Edie Kent
ieneral Engineering Laboratories, LLC
040 Savage Road
harleston, SC 29414
43) 556-8171 X4433 Fax (843) 766-1178

Reports: Julie Lee Sub-contracting Administrator
EMAIL TO: Julie.Lee@mwhglobal.com
MWH Laboratories 750 Royal Oaks Dr. Ste. 100, Monrovia, CA 91016
Phone (626) 386-1136 Fax (626) 386-1095
Invoices to: MWH LABORATORIES
Accounts Payable PO BOX 6610, Broomfield, CO 80021

Provide in each Report the Specified State Certification # & Exp Date for requested tests + matrix

CA ELAP OK

MWH Project #	Report Due:	Sub PO#
169580	03/30/06	99-22191
JDL		

	Use MWH Lab # for ID	Client Sample ID for reference only	Analysis Requested	Sample Date & Time	Matrix	Container
custsub	2603140436	TR-10A	RADIUM 226	03/13/06 14:35	grnd	5 1L poly bottles
			RADIUM 228			
			LEAD 210			
			LEAD212			
			THORIUM (ISOTOPIC)			
			URANIUM (ISOTOPIC)			
			URANIUM (TOTAL)			

Relinquished by: [signature] Sample Control Date 03/15/06 Time 1441 MUST HAVE NOTIFICAION IF TEMP IS GREATER THAN 6 OR LESS THAN 2 CELSIUS
Page 1
Received by: [signature] Date 3/16/06 Time 0915 An Acknowledgement of Receipt is requested to attn: Julie Lee

GENERAL ENGINEERING LABORATORIES, LLC

SAMPLE RECEIPT & REVIEW FORM

PM use only

Client: M WH Labs.	SDG/ARCOC/Work Order: 169580
Date Received: 3/16/06	PM(A) Review (ensure non-conforming items are resolved prior to signing): EP
Received By: C. Danicoto	

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
2	Samples requiring cold preservation within (4 +/- 2 C)? Record preservation method.	✓			Circle Coolant # ice bags (blue ice) dry ice none other describe) 4°C
3	Chain of custody documents included with shipment?	✓			
4	Sample containers intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other (describe)
5	Samples requiring chemical preservation at proper pH?	✓			Sample ID's, containers affected and observed pH:
6	VOA vials free of headspace (defined as < 6mm bubble)?		✓		Sample ID's and containers affected:
7	Are Encore containers present? (If yes, immediately deliver to VOA laboratory)			✓	
8	Samples received within holding time?	✓			Id's and tests affected:
9	Sample ID's on COC match ID's on bottles?	✓			Sample ID's and containers affected:
10	Date & time on COC match date & time on bottles?	✓			Sample ID's affected: (OK) 1·250 m 1·meate Pi
11	Number of containers received match number indicated on COC?			✓	Sample ID's affected: Recieved M121-0.5=2·250mL gl jars & M121-80 ~~2~~ M121-S = 2·250mL gl jars & M121-SD=2 gl
12	COC form is properly signed in relinquished/received sections?	✓			
14	Air Bill ,Tracking #'s, & Additional Comments	Fed Ex TRK # 6912 3665 2641 6912 3665 2560			

	Suspected Hazard Information	Non-Regulated	Regulated	High Level	RSO RAD Receipt # ______ *If > x2 area background is observed on samples identified as "non-regulated/non-radioactive", contact the Radiation Safety group for further investigation.
A	Radiological Classification?	✓			Maximum Counts Observed*: 30 CPM
B	PCB Regulated?	✓			Comments:
C	Shipped as DOT Hazardous Material? If yes, contact Waste Manager or ESH Manager.	✓			Hazard Class Shipped: UN#:

PM (or PMA) review of Hazard classification: EP Initials 3/16/06 Date:

Subject: Chains Received Today
From: Edie Kent <emk@gel.com>
Date: Thu, 16 Mar 2006 18:49:49 -0500
To: Linda.Geddes@mwhglobal.com
CC: benjamin Jenkins <ben01079@gel.com>

Linda:
Just for your information, there are no relinquished by signatures on any of the chains received today.

Edie

--
Edith M. Kent
Project Manager
General Engineering Laboratories, LLC
2040 Savage Road
PO Box 30712
Charleston, SC 29407
Phone: 843-556-8171, ext. 4453
Fax: 843-766-1178
e-mail: emk@gel.com
web-site: www.gel.com

RADIOLOGICAL ANALYSIS

Radiochemistry Case Narrative
MWH Laboratories (MWHL)
Work Order 158272

Method/Analysis Information

Product: **Alphaspec Th, Liquid**
Analytical Method: DOE EML HASL-300, Th-01-RC Modified
Analytical Batch Number: 520798

Sample ID	Client ID
158272001	2603140436 TR-10A
1201071140	Method Blank (MB)
1201071141	159242003(2603240135 M-121) Sample Duplicate (DUP)
1201071142	159242003(2603240135 M-121) Matrix Spike (MS)
1201071143	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-038 REV# 9.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159242003 (2603240135 M-121).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**Alphaspec U, Liquid**
Analytical Method:	DOE EML HASL-300, U-02-RC Modified
Analytical Batch Number:	520799

Sample ID	Client ID
158272001	2603140436 TR-10A
1201071144	Method Blank (MB)
1201071145	159242003(2603240135 M-121) Sample Duplicate (DUP)
1201071146	159242003(2603240135 M-121) Matrix Spike (MS)
1201071147	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-011 REV# 14.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159242003 (2603240135 M-121).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
Sample 1201071145 (2603240135 M-121) was recounted due to poor resolution.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Manual Integration
No manual integrations were performed on data in this batch.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**GFPC, Pb210, Liquid**
Analytical Method:	DOE RP280 Modified
Analytical Batch Number:	520607

Sample ID	Client ID
158272001	2603140436 TR-10A
1201070733	Method Blank (MB)
1201070734	159242003(2603240135 M-121) Sample Duplicate (DUP)
1201070735	159242003(2603240135 M-121) Matrix Spike (MS)
1201070736	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-018 REV# 5.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159242003 (2603240135 M-121).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**GFPC, Ra228, Liquid**
Analytical Method:	EPA 904.0 Modified
Analytical Batch Number:	515325

Sample ID	Client ID
158272001	2603140436 TR-10A
1201058924	Method Blank (MB)
1201058925	158272001(2603140436 TR-10A) Sample Duplicate (DUP)
1201058926	158272001(2603140436 TR-10A) Matrix Spike (MS)
1201058927	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-009 REV# 12.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 158272001 (2603140436 TR-10A).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
The batch was re-eluted and recounted due to a low matrix spike recovery.

Chemical Recoveries
All chemical recoveries meet the required acceptance limits for this sample set.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**Lucas Cell, Ra226, liquid**
Analytical Method:	EPA 903.1 Modified
Analytical Batch Number:	518058

Sample ID	Client ID
158272001	2603140436 TR-10A
1201064983	Method Blank (MB)
1201064984	159247001(2603230069 M-120) Sample Duplicate (DUP)
1201064985	159247001(2603230069 M-120) Matrix Spike (MS)
1201064986	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-008 REV# 9.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159247001 (2603230069 M-120).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**KPA, Total U, Liquid**
Analytical Method:	ASTM D 5174
Analytical Batch Number:	523680

Sample ID	Client ID
158272001	2603140436 TR-10A
1201077880	Method Blank (MB)
1201077881	159242003(2603240135 M-121) Sample Duplicate (DUP)
1201077882	159242003(2603240135 M-121) Matrix Spike (MS)

1201077883 Laboratory Control Sample (LCS)
1201077884 Laboratory Control Sample Duplicate (LCSD)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-023 REV# 11.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met. The calibration for Total Uranium is performed prior to each analysis and is located in the raw data section.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159242003 (2603240135 M-121).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
Initial results of samples 1201077881 (2603240135 M-121) and 158272001 (2603140436 TR-10A) were greater than RDL. Samples were reanalyzed and verified initial results. The initial results are reported.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information
Manual qualifiers were not required.

Method/Analysis Information

Product:	**Gamma, (Pb-212)**
Analytical Method:	EPA 901.1
Analytical Batch Number:	519510

Sample ID	Client ID
158272001	2603140436 TR-10A
1201068236	Method Blank (MB)
1201068237	159247001(2603230069 M-120) Sample Duplicate (DUP)
1201068238	Laboratory Control Sample (LCS)

SOP Reference
Procedure for preparation, analysis and reporting of analytical data are controlled by General Engineering Laboratories, LLC as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with GL-RAD-A-013 REV# 10.

Calibration Information:

Calibration Information
All initial and continuing calibration requirements have been met.

Standards Information
Standard solution(s) for these analyses are NIST traceable and used before the expiration date(s).

Sample Geometry
All counting sources were prepared in the same geometry as the calibration standards.

Quality Control (QC) Information:

Blank Information
The blank volume is representative of the sample volume in this batch.

Designated QC
The following sample was used for QC: 159247001 (2603230069 M-120).

QC Information
All of the QC samples met the required acceptance limits.

Technical Information:

Holding Time
All sample procedures for this sample set were performed within the required holding time.

Preparation Information
All preparation criteria have been met for these analyses.

Sample Re-prep/Re-analysis
None of the samples in this sample set required reprep or reanalysis.

Miscellaneous Information:

NCR Documentation
Nonconformance reports are generated to document any procedural anomalies that may deviate from referenced SOP or contractual documents. A nonconformance report (NCR) was not generated for this SDG.

Additional Comments
Additional comments were not required for this sample set.

Qualifier information

Qualifier	Reason	Analyte	Sample
UI	Data rejected due to low abundance.	Lead-212	158272001
			1201068236

Certification Statement
Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

Review Validation:
GEL requires all analytical data to be verified by a qualified data validator. In addition, all data designated for CLP or CLP-like packaging will receive a third level validation upon completion of the data package.
The following data validator verified the information presented in this case narrative:

Reviewer/Date: Haney G Chuou 4/26/06

SAMPLE DATA SUMMARY

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis Report
for

MWHL002 MWH Laboratories

Client SDG: 158272 GEL Work Order: 158272

The Qualifiers in this report are defined as follows:

* Indicates that a quality control analyte recovery is outside of specified acceptance criteria.
< Result is less than amount reported.
> Result is greater than amount reported.
B Target analyte was detected in the sample as well as the associated blank.
BD Results below the MDC or low tracer recovery.
D Sample has been diluted and reanalyzed after initially exceeding inst. calibration range
E Concentration of the target analyte exceeds the instrument calibration range.
H Analytical holding time exceeded.
J Indicates an estimated value.
P The response between the confirmation and the primary columns is >40% Different.
R Sample results are rejected.
U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.
UI Uncertain identification for gamma spectroscopy.
X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.
Y QC Samples were not spiked with this compound.
Z Paint Filter qualifier: Particulates passed through the filter. No free liquids were observed.
d The 2:1 depletion requirement was not met for this sample
h Sample preparation or preservation holding time exceeded.
ND The analyte concentration is not detected above the reporting limit.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.
** Indicates the analyte is a surrogate compound.
This data report has been prepared and reviewed in accordance with General Engineering Laboratories, LLC standard operating procedures. Please direct any questions to your Project Manager, Edith Kent.

4/ Paul D Conca

Reviewed by

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 – (843) 556–8171 – www.gel.com

Certificate of Analysis

Company : MWH Laboratories
Address : 750 Royal Oaks Drive, Suite 100
Monrovia, California 91016

Report Date: April 26, 2006

Contact: Ms. Julie Lee
Project: **Tronox Henderson**

Client Sample ID:	2603140436 TR–10A	Project:	MWHL00106
Sample ID:	158272001	Client ID:	MWHL002
Matrix:	Ground Water		
Collect Date:	13–MAR–06 14:35		
Receive Date:	16–MAR–06		
Collector:	Client		

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method
Rad Alpha Spec Analysis											
Alphaspec Th, Liquid											
Thorium–228	U	0.151	+/–0.321	0.702	2.00	pCi/L		BJB1 04/20/06	0749	520798	1
Thorium–230	U	0.0684	+/–0.138	0.307	2.00	pCi/L					
Thorium–232	U	0.0106	+/–0.0823	0.264	2.00	pCi/L					
Alphaspec U, Liquid											
Uranium–233/234		3.75	+/–0.803	0.333	1.00	pCi/L		BJB1 04/20/06	1729	520799	2
Uranium–235/236		0.218	+/–0.214	0.164	1.00	pCi/L					
Uranium–238		1.54	+/–0.511	0.132	1.00	pCi/L					
Rad Gamma Spec Analysis											
Gamma, (Pb–212)											
Lead–212	UUI	0.00	+/–2.43	4.37	10.0	pCi/L		MJH1 04/25/06	1837	519510	3
Rad Gas Flow Proportional Counting											
GFPC, Pb210, Liquid											
Lead–210		11.4	+/–1.58	1.64	3.00	pCi/L		BXF1 04/25/06	1102	520607	4
GFPC, Ra228, Liquid											
Radium–228	U	0.592	+/–0.572	1.18	2.00	pCi/L		KSD1 04/10/06	1853	515325	5
Rad Radium–226											
Lucas Cell, Ra226, liquid											
Radium–226	U	0.487	+/–0.421	0.644	2.00	pCi/L		SG 04/10/06	0820	518058	6
Rad Total Uranium											
KPA, Total U, Liquid											
Total Uranium		4.39	+/–0.0988	0.430	1.00	ug/L		DRS1 04/26/06	1030	523680	7

The following Analytical Methods were performed

Method	Description	Analyst Comments
1	DOE EML HASL–300, Th–01–RC Modified	
2	DOE EML HASL–300, U–02–RC Modified	
3	EPA 901.1	
4	DOE RP280 Modified	
5	EPA 904.0 Modified	
6	EPA 903.1 Modified	
7	ASTM D 5174	

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits

GENERAL ENGINEERING LABORATORIES, LLC
2040 Savage Road Charleston SC 29407 – (843) 556–8171 – www.gel.com

Certificate of Analysis

Company : MWH Laboratories
Address : 750 Royal Oaks Drive, Suite 100
Monrovia, California 91016

Report Date: April 26, 2006

Contact: Ms. Julie Lee
Project: **Tronox Henderson**

Client Sample ID: 2603140436 TR–10A
Sample ID: 158272001

Project: MWHL00106
Client ID: MWHL002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	AnalystDate	Time	Batch	Method

Surrogate/Tracer recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Actinium–227	Alphaspec Th, Liquid			79	
Actinium–227	Alphaspec Th, Liquid			79	
Actinium–227	Alphaspec Th, Liquid			79	
Uranium–232	Alphaspec U, Liquid			75	(25%–125%)
Uranium–232	Alphaspec U, Liquid			75	(25%–125%)
Uranium–232	Alphaspec U, Liquid			75	(25%–125%)
Lead–210	GFPC, Pb210, Liquid			70	(25%–125%)
Radium–228	GFPC, Ra228, Liquid			69	(15%–125%)

QUALITY CONTROL DATA

QC Summary

Report Date: April 26, 2006
Page 1 of 4

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, California

Contact: **Ms. Julie Lee**

Workorder: **158272**

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Alpha Spec											
Batch 520798											
QC1201071141 159242003 DUP											
Thorium-228			0.311 +/-0.217	U	0.175 +/-0.215	pCi/L	56*		(0%-20%)	BJB1	04/20/06 07:49
Thorium-230		U	0.114 +/-0.122	U	0.0239 +/-0.0973	pCi/L	131*		(0%-20%)		
Thorium-232		U	0.0416 +/-0.0977	U	0.081 +/-0.133	pCi/L	64*		(0%-20%)		
QC1201071143 LCS											
Thorium-228				U	0.211 +/-0.193	pCi/L			(75%-125%)		
Thorium-230	53.9				46.9 +/-8.06	pCi/L		87	(75%-125%)		
Thorium-232					0.316 +/-0.212	pCi/L			(75%-125%)		
QC1201071140 MB											
Thorium-228				U	0.0376 +/-0.158	pCi/L					
Thorium-230				U	0.0737 +/-0.116	pCi/L					
Thorium-232				U	-0.0233 +/-0.0271	pCi/L					
QC1201071142 159242003 MS											
Thorium-228			0.311 +/-0.217	U	0.483 +/-0.665	pCi/L			(75%-125%)		
Thorium-230	108	U	0.114 +/-0.122		118 +/-31.2	pCi/L		109	(75%-125%)		
Thorium-232		U	0.0416 +/-0.0977	U	0.121 +/-0.328	pCi/L			(75%-125%)		
Batch 520799											
QC1201071145 159242003 DUP											
Uranium-233/234			9.54 +/-1.27		10.4 +/-1.10	pCi/L	9		(0%-20%)	BJB1	04/22/06 07:38
Uranium-235/236			0.311 +/-0.261		0.362 +/-0.230	pCi/L	15		(0%-20%)		
Uranium-238			4.98 +/-0.916		5.85 +/-0.821	pCi/L	16		(0%-20%)		
QC1201071147 LCS											
Uranium-233/234					15.5 +/-1.40	pCi/L			(75%-125%)		04/21/06 07:38
Uranium-235/236					0.801 +/-0.356	pCi/L			(75%-125%)		
Uranium-238	13.1				14.1 +/-1.33	pCi/L		108	(75%-125%)		
QC1201071144 MB											

QC Summary

Workorder: 158272

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Alpha Spec											
Batch 520799											
Uranium-233/234				U	0.0694 +/-0.130	pCi/L					
Uranium-235/236				U	0.0565 +/-0.111	pCi/L				BJB1	04/21/06 07:38
Uranium-238				U	0.0128 +/-0.0969	pCi/L					
QC1201071146 159242003 MS											
Uranium-233/234			9.54 +/-1.27		33.4 +/-3.23	pCi/L			(75%-125%)		
Uranium-235/236			0.311 +/-0.261		1.18 +/-0.684	pCi/L			(75%-125%)		
Uranium-238	26.3		4.98 +/-0.916		32.3 +/-3.18	pCi/L		104	(75%-125%)		
Rad Gamma Spec											
Batch 519510											
QC1201068237 159247001 DUP											
Lead-212		UUI	0.00 +/-5.11	U	1.88 +/-4.45	pCi/L	97			MJH1	04/26/06 05:28
QC1201068238 LCS											
Americium-241	1220				1330 +/-171	pCi/L		109	(75%-125%)		04/26/06 05:24
Cesium-137	463				471 +/-34.7	pCi/L		102	(75%-125%)		
Cobalt-60	659				646 +/-49.1	pCi/L		98	(75%-125%)		
Lead-212				U	15.7 +/-16.8	pCi/L					
QC1201068236 MB											
Lead-212				UUI	0.00 +/-2.25	pCi/L					04/25/06 18:43
Rad Gas Flow											
Batch 515325											
QC1201058925 158272001 DUP											
Radium-228		U	0.592 +/-0.572	U	0.891 +/-0.702	pCi/L	0		(0%-20%)	KSD1	04/10/06 18:53
QC1201058927 LCS											
Radium-228	13.5				13.1 +/-1.32	pCi/L		97	(75%-125%)		
QC1201058924 MB											
Radium-228				U	0.156 +/-0.401	pCi/L					
QC1201058926 158272001 MS											
Radium-228	30.6	U	0.592 +/-0.572		37.4 +/-3.34	pCi/L		122	(75%-125%)		
Batch 520607											
QC1201070734 159242003 DUP											
Lead-210		U	1.08 +/-1.08	U	0.877 +/-1.12	pCi/L	0		(0%-20%)	BXF1	04/25/06 14:15

QC Summary

Workorder: 158272

Parmname	NOM		Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date Time
Rad Gas Flow											
Batch 520607											
QC1201070736 LCS											
Lead-210	36.5				29.5 +/-4.70	pCi/L		81	(75%-125%)	BXF1	04/25/06 14:15
QC1201070733 MB											
Lead-210				U	0.253 +/-0.972	pCi/L					
QC1201070735 159242003 MS											
Lead-210	91.5	U	1.08 +/-1.08		70.3 +/-10.7	pCi/L		77	(75%-125%)		
Rad Ra-226											
Batch 518058											
QC1201064984 159247001 DUP											
Radium-226		U	0.232 +/-0.356		0.880 +/-0.559	pCi/L	36*		(0%-20%)	SG	04/10/06 09:30
QC1201064986 LCS											
Radium-226	25.1				30.1 +/-2.32	pCi/L		120	(75%-125%)		
QC1201064983 MB											
Radium-226				U	0.550 +/-0.431	pCi/L					04/10/06 08:55
QC1201064985 159247001 MS											
Radium-226	25.1	U	0.232 +/-0.356		23.0 +/-1.92	pCi/L		92	(75%-125%)		04/10/06 09:30
Rad Total U											
Batch 523680											
QC1201077881 159242003 DUP											
Total Uranium			13.7 +/-0.299		13.7 +/-0.299	ug/L	0		(0%-20%)	DRS1	04/26/06 10:18
QC1201077883 LCS											
Total Uranium	50.0				37.5 +/-2.27	ug/L		75	(75%-125%)		04/26/06 10:26
QC1201077884 LCSD											
Total Uranium	5.00				5.24 +/-0.116	ug/L	151	105			04/26/06 10:27
QC1201077880 MB											
Total Uranium				U	0.164 +/-0.035	ug/L					04/26/06 10:15
QC1201077882 159242003 MS											
Total Uranium	50.0		13.7 +/-0.299		65.8 +/-3.97	ug/L		104	(75%-125%)		04/26/06 10:22

Notes:
The Qualifiers in this report are defined as follows:

- B Target analyte was detected in the sample as well as the associated blank.
- BD Results below the MDC or low tracer recovery.
- E Concentration of the target analyte exceeds the instrument calibration range.
- H Analytical holding time exceeded.

QC Summary

Workorder: 158272

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time

J Indicates an estimated value.

U Target analyte was analyzed for but not detected above the MDL, MDA, or LOD.

UI Uncertain identification for gamma spectroscopy.

X Lab-specific qualifier-please see case narrative, data summary package or contact your project manager for details.

d The 2:1 depletion requirement was not met for this sample

h Sample preparation or preservation holding time exceeded.

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.
^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.
For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

ALK

Reagent Documentation

Reagent: H_2SO_4 Conc
Date Received: 11/22/05
Date Expired: 11/22/07
Manufacturer: J T Baker
Storage Condition: Room Temp

Reagent #: 201285
By: WSH
Matrix: AQ
Amount: 2.5L x 6
Lot #: B41041

Component	Comment	Standard	Concentration
	VWR - JT9673-33		

Comment:

Reagent: Stab Cal 20 NTU
Date Received: 11/28/05
Date Expired: NOV-2007
Manufacturer: HACH
Storage Condition: Room Temp

Reagent #: 201286
By: WSH
Matrix: AQ
Amount: 500mL
Lot #: A5308

Component	Comment	Standard	Concentration
	HACH # 26601-49		

Comment:

Reagent: Alkalinity 1000 ppm std
Date Received: 30 Nov 05
Date Expired: 14 Sep 06
Manufacturer: Absolute Standards
Storage Condition: room temp

Reagent #: 201287
By: LMR
Matrix: eq
Amount: 100 ml
Lot #: 091405

Component	Comment	Standard	Concentration
	Abs. Stds # 54142		

Comment:

Reagent Documentation

Reagent: COD Low Range Vials
Date Received: 25 Oct 05
Date Expired: Aug 2010
Manufacturer: Environmental Express
Storage Condition: room temp

Reagent #: 201261
By: LMR
Matrix: aq
Amount: 2x100x1ml
Lot #: 10276

Component	Comment	Standard	Concentration
	EE # B1010		

Comment:

Reagent: Sodium Carbonate 0.05N
Date Received: 25 Oct 05
Date Expired: 31 Jul 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201262
By: LMR
Matrix: aq
Amount: 2x1-L
Lot #: 5031

Component	Comment	Standard	Concentration
	VWR # VW3552-1		

Comment:

Reagent: Sulfuric Acid 0.02N
Date Received: 25 Oct 05 / 30 Dec 05
Date Expired: 31 Aug 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201263
By: LMR
Matrix: aq
Amount: 6x1-L / 6x1-L
Lot #: 5234

Component	Comment	Standard	Concentration
	VWR # VW3229-1		

Scan Prep Sheet

Lab Batch No. (Filename): IN031032106 AIDE

Analysis Date (start date): 3/21/06

LAB TEST TYPE (Method reference): 310/2320B

NOTES:

Report Date: 03/21/2006 : 8:42 PM

Montgomery Watson Laboratory

pH-ALK Results Report

Run Number 867 **Order Number** 20060321-2

SampleID	RunDate	RunTime	pH	Talk-ppm	palk-ppm	bcarb-ppm	carb-ppm	hydrx-ppm	Temp C	
BLANK	03/21/2006	12:21 PM	5.37	1.35	.00	1.35	.00	.00	21.14	
MRL-1	03/21/2006	12:28 PM	7.04	2.13	.00	2.13	.00	.00	20.96	
LCS-1	03/21/2006	12:37 PM	10.52	100.00	47.69	4.62	95.38	.00	20.98	
MS2603140130	03/21/2006	12:45 PM	10.48	99.48	46.05	7.38	92.11	.00	20.96	98.6
MS2603130051	03/21/2006	12:54 PM	10.42	100.17	44.12	11.93	88.24	.00	20.92	97.9
MSD2603130051	03/21/2006	1:02 PM	10.41	100.90	44.39	12.13	88.77	.00	20.87	98.6
MS2603150079	03/21/2006	1:09 PM	10.14	110.26	41.74	26.79	83.47	.00	20.66	98.2
MS2603200005	03/21/2006	1:18 PM	10.40	103.21	47.42	8.37	94.84	.00	20.45	98.5
MSD2603200005	03/21/2006	1:26 PM	10.40	103.92	47.57	8.77	95.15	.00	20.12	99.2
MS2603150343	03/21/2006	1:34 PM	10.45	100.26	46.38	7.51	92.75	.00	20.04	99.5
MSD2603150343	03/21/2006	1:42 PM	10.48	99.77	45.79	8.19	91.58	.00	20.02	99.0
2603140130	03/21/2006	1:48 PM	6.38	.92	.00	.92	.00	.00	20.19	
2603130070	03/21/2006	1:56 PM	7.96	102.74	.00	102.74	.00	.00	20.36	
2603130071	03/21/2006	2:02 PM	7.94	110.20	.00	110.20	.00	.00	20.48	
2603130072	03/21/2006	2:09 PM	7.91	111.18	.00	111.18	.00	.00	20.51	
2603130073	03/21/2006	2:16 PM	8.14	138.17	.00	138.17	.00	.00	20.22	
2603130095	03/21/2006	2:22 PM	8.31	134.86	.22	134.42	.43	.00	19.69	
2603130096	03/21/2006	2:29 PM	7.93	124.86	.00	124.86	.00	.00	19.72	
2603130097	03/21/2006	2:36 PM	8.30	145.54	.22	145.09	.45	.00	19.67	
2603130098	03/21/2006	2:44 PM	8.17	169.77	.00	169.77	.00	.00	19.84	
2603130119	03/21/2006	2:52 PM	8.76	66.69	3.17	60.35	6.34	.00	20.01	
LCS-2	03/21/2006	3:00 PM	10.44	99.79	45.73	8.32	91.47	.00	20.19	
2603130051	03/21/2006	3:07 PM	6.62	2.43	.00	2.43	.00	.00	20.46	
2603130120	03/21/2006	3:14 PM	7.72	40.43	.00	40.43	.00	.00	20.38	
2601340111	03/21/2006	3:20 PM	7.80	115.55	.00	115.55	.00	.00	20.22	
2603140116	03/21/2006	3:27 PM	8.30	123.34	.00	123.34	.00	.00	19.89	

Analyst Name: AIDE
Reviewed By: _____

Standards Documentation

pH 4: _____ Exp: _____ pH 7: _____ Exp: _____
pH10: _____ Exp: _____ pH 6: _____ Exp: _____
NA

NaCO3 LCS Conc: 0.05 N R#: 201257 Exp: 3/31/07
Titrant Normality: 0.02 N R#: 201263 Exp: 8/31/06
Spike Amount: 100 mg/L

CaCO3 MRL Conc: 1000mg/L R#: 201287 Exp: 9/14/06

Run Number 867 **Order Number** 20060321-2

SampleID	RunDate	RunTime	pH	Talk-ppm	palk-ppm	bcarb-ppm	carb-ppm	hydrx-ppm	Temp C
2603140117	03/21/2006	3:33 PM	8.36	129.03	1.39	126.26	2.77	.00	19.90
2603140128	03/21/2006	3:41 PM	9.19	16.18	2.22	11.73	4.45	.00	20.07
2603140129	03/21/2006	3:48 PM	7.71	21.61	.00	21.61	.00	.00	20.15
2603140131	03/21/2006	3:55 PM	7.63	16.22	.00	16.22	.00	.00	20.09
2603140427	03/21/2006	4:02 PM	8.23	133.41	.00	133.41	.00	.00	20.05
2603140436	03/21/2006	4:08 PM	8.09	76.93	.00	76.93	.00	.00	20.22
BLANK-2	03/21/2006	4:14 PM	5.95	.37	.00	.37	.00	.00	20.41
MRL-2	03/21/2006	4:21 PM	6.90	2.15	.00	2.15	.00	.00	20.27
LCS-3	03/21/2006	4:29 PM	10.42	99.61	44.56	10.50	89.12	.00	20.26
2603150079	03/21/2006	4:35 PM	7.10	12.54	.00	12.54	.00	.00	20.22
2603140472	03/21/2006	4:41 PM	6.31	.71	.00	.71	.00	.00	20.23
2603140553	03/21/2006	4:50 PM	8.31	497.84	2.48	492.88	4.95	.00	20.22
2603140554	03/21/2006	5:02 PM	8.30	928.60	2.55	923.50	5.10	.00	20.22
2603140555	03/21/2006	5:10 PM	8.24	429.68	.00	429.68	.00	.00	20.31
2603140556	03/21/2006	5:19 PM	8.20	351.17	.00	351.17	.00	.00	20.41
2603140557	03/21/2006	5:26 PM	8.15	313.17	.00	313.17	.00	.00	20.45
2603140584	03/21/2006	5:33 PM	8.35	194.25	1.49	191.27	2.98	.00	20.20
2603150073	03/21/2006	5:40 PM	8.45	54.72	1.52	51.67	3.04	.00	20.05
2603150078	03/21/2006	5:46 PM	8.12	46.75	.00	46.75	.00	.00	20.12
LCS-4	03/21/2006	5:55 PM	10.38	100.59	43.08	14.44	86.15	.00	20.30
2603150092	03/21/2006	6:02 PM	8.23	106.34	.00	106.34	.00	.00	20.30
2603150093	03/21/2006	6:09 PM	8.23	106.83	.00	106.83	.00	.00	20.34
2603150094	03/21/2006	6:15 PM	8.39	134.24	2.07	130.10	4.13	.00	20.26
2603150120	03/21/2006	6:23 PM	8.16	86.49	.00	86.49	.00	.00	20.36
2603150176	03/21/2006	6:30 PM	8.33	161.98	1.10	159.78	2.21	.00	20.33
2603150177	03/21/2006	6:36 PM	8.17	201.98	.00	201.98	.00	.00	20.26
2603150178	03/21/2006	6:43 PM	8.35	202.68	2.05	198.57	4.11	.00	20.04
2603150225	03/21/2006	6:50 PM	8.43	173.49	3.96	165.57	7.92	.00	20.15
2603150227	03/21/2006	6:57 PM	8.41	169.08	4.04	161.00	8.07	.00	20.08

Analyst Name: AIDE
Reviewed By: _____

Standards Documentation

pH 4: _____ Exp: _____ pH 7: NA Exp: _____
pH10: _____ Exp: _____ pH 6: _____ Exp: _____

NaCO3 LCS Conc: 0.05 N R#: 201257 Exp: 5/31/07
Titrant Normality: 0.02 N R#: 201283 Exp: 8/31/06
Spike Amount: 100 mg/L

CaCO3 MRL Conc: 1000mg/L R#: 201237 Exp: 9/14/06

Run Number 867 **Order Number** 20060321-2

SampleID	RunDate	RunTime	pH	Talk-ppm	palk-ppm	bcarb-ppm	carb-ppm	hydrx-ppm	Temp C
2603200005 ~~2603150228~~	03/21/2006	7:04 PM	7.15	4.93	.00	4.93	.00	.00	20.07
BLANK-3	03/21/2006	7:09 PM	5.87	.16	.00	.16	.00	.00	20.19
MRL-3	03/21/2006	7:16 PM	6.86	2.08	.00	2.08	.00	.00	20.25
LCS-5	03/21/2006	7:24 PM	10.38	100.15	41.97	16.21	83.94	.00	20.20
2603150343	03/21/2006	7:29 PM	6.29	.79	.00	.79	.00	.00	20.19
2603150229	03/21/2006	7:35 PM	8.36	202.67	2.53	197.61	5.06	.00	20.05
2603150230	03/21/2006	7:42 PM	8.37	170.85	2.85	165.16	5.70	.00	20.36
2603150231	03/21/2006	7:50 PM	8.33	182.69	1.74	179.21	3.48	.00	20.30
2603150232	03/21/2006	7:57 PM	8.38	182.33	2.90	176.53	5.80	.00	20.25
2603150233	03/21/2006	8:04 PM	8.38	172.65	3.07	166.52	6.13	.00	20.49
2603150234	03/21/2006	8:11 PM	8.42	176.25	3.82	168.62	7.63	.00	20.44
2603150235	03/21/2006	8:18 PM	8.37	170.71	2.81	165.09	5.61	.00	20.43
2603150236	03/21/2006	8:25 PM	8.37	164.26	2.57	159.13	5.14	.00	20.48
2603150237	03/21/2006	8:32 PM	8.43	169.05	3.93	161.19	7.86	.00	20.44
LCS-6	03/21/2006	8:40 PM	10.29	101.06	40.55	19.96	81.11	.00	20.56

Analyst Name: AIDE
Reviewed By: _____

Standards Documentation

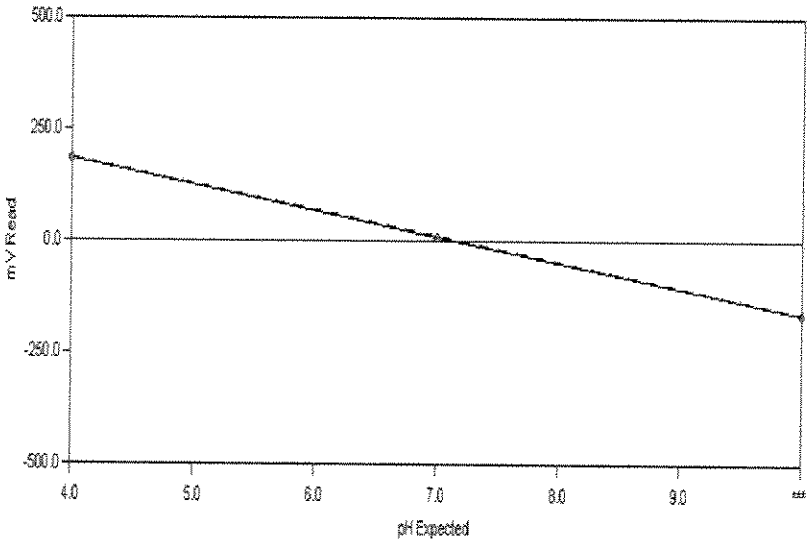
pH 4: _____ Exp: ~~_____~~ pH 7: _____ Exp: _____
pH10: _____ Exp: _____ pH 6: _____ Exp: _____
NJ

NaCO3 LCS Conc: 0.05 N R#: 201257 Exp: 3/31/07
Titrant Normality: 0.02 N R#: 201263 Exp: 3/31/06
Spike Amount: 100 mg/L

CaCO3 MRL Conc: 1000mg/L R#: 201287 Exp: 9/14/06

PC-TitratION PLUS
Calibration Report

Calibration Record # 169



Calibration Settings

Calibration ID	PH CAL 4-7-10	Date	03/21/2006
Channel	1	Time	11:20 AM
Probe Type	pH	Temperature	293.85 K 20.70 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-58.023	CorrCoeff	1.0000
Intercept	10.090	Equation: Y = (-58.023) X + (10.090)	

Calibration Validity **True** Operator

	Result	Minimum	Maximum
Slope	-58.023	-65.00	-53.00
Intercept	10.090	-100.00	100.00
Correlation Coefficient	1.0000	0.99	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	Standard	Reading
	4.00	184.69
	7.00	9.03
	10.00	-163.45

Dilutions required for group 169580

GROUP#	SAMPLE#	SAMPLE ID	PARAMETER	RESULT	DILUTION	REASON
169580	2603140436	TR-10A	CL9056	120	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO29056	ND	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO39056	0.73	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	SO49056	953	20	Result above calibration range
169580	2603140436	TR-10A	CRVI7199	57	2	Result above calibration range
169580	2603140436	TR-10A	CLO3	9220	20	Result above calibration range
169580	2603140436	TR-10A	CLO4	860	50	Result above calibration range
169580	2603140436	TR-10A	B6010	1.4	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	CA6010	140	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	FE6010	2.8	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	K6010	15	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	MG6010	54	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	NA6010	300	2	Result above calibration range but less than linear range check
169580	2603140436	TR-10A	AL-MS620	2000	5	Result above calibration range

Reagent Preparation Documentation

Page: 16

Reagent: Autocal 2 / LowRL
MW #: NJP051206-1
Date Received/Prepped: 12/6/05/01/20/06/ 04/10/06 / /
By: NJP
Date Expired: Fresh-daily / 1/15/07 / /
Matrix: AQ
Manufacturer: CPI
Amount: 100 ml
Storage Condition: ~~2-6°C~~ Room Temperature NJP 12/28/05
Lot #:

Component	Comment	Standard	Concentration
Cl 1000ppm }	12.5µl NJP 11/7/06 ~~R201879A~~ NJP 12/28/05 & R201179A	CL	0.125ppm
SO4 2000ppm } R201179A	12.5µl ~~R201879B~~ to R201179B	SO4	0.25ppm
NO3 100ppm }	100 ml DI H_2O NJP 1/17/06	NO2-N	0.0125ppm
	1/15/07 (standard expires)	NO3	0.0125ppm
NO2-N 100ppm } R201179B			

Comment:

Reagent: Autocal 3
MW #: NJP051206-2
Date Received/Prepped: 12/6/05/01/20/06/ 04/10/06 / /
By: NJP
Date Expired: Fresh for every calibration / 1/15/07
Matrix: AQ
Manufacturer: CPI
Amount: 100ml
Storage Condition: Room Temperature
Lot #:

Component	Comment	Standard	Concentration
Cl 1000 ppm }	25µl R201179A &	CL	0.25 ppm
NO3 100ppm } R201179 A	25µl R201179B to	NO3	0.025 ppm
SO4 2000ppm }	100 ml DI H_2O	NO2-N	0.025 ppm
	1/15/07 (standard expires)	SO4	0.50 ppm
NO2 100ppm } R201179B			

Comment:

Reagent: Autocal 4/CLRL
MW #: NJP051206-3
Date Received/Prepped: 12/6/05/01/20/06/ 04/10/06 / /
By: NJP
Date Expired: Fresh Daily / 1/15/07 / /
Matrix: AQ
Manufacturer: CPI
Amount: 100ml
Storage Condition: Room Temperature
Lot #:

Component	Comment	Standard	Concentration
CL 1000ppm }	50µl R201179A &	CL	~~0.25~~ .500 ppm
SO4 2000ppm } R201179A	50µl R201179B to	NO2-N	~~0.025~~ .05 ppm
NO3 100ppm }	100ml DI H_2O	NO3	~~0.025~~ .05 ppm
	1/15/07 (standard expires)	SO4	~~0.50~~ 1.0 ppm
NO2-N 100ppm } R201179B			

NJP 12/29/06

Comment:

Reagent Preparation Documentation

Reagent: Autocal 5
Date Received/Prepped: 12/6/05 4/15 NJP 01/20/06 04/10/06 / /
Date Expired: Fresh / for every calibration 1/15/07
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-4
By: NJP
Matrix: AQ
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000ppm } R201179A	100µl R201179A &	CL	0.25 ppm → 1.0
NO3 100ppm } R201179A	100µl R201179B to	NO2-N	0.025 ppm → 0.1
SO4 2000 ppm } R201179A	100 ml DIH2O	NO3	0.025 ppm → 0.1
	1/15/07 or (Standard expires)	SO4	0.50 ppm → 2.0
NO2-N 100ppm } R201179B	NJP 12/20/05		

NJP 12/29/05

Comment:

Reagent: Autocal 6
Date Received/Prepped: 12/6/05 01/20/06 04/10/06 / /
Date Expired: Fresh / for every calibration 1/15/07
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-5
By: NJP
Matrix: AQ
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000ppm } R201179A	200µl R201179A &	CL	2.0 ppm
NO3 100ppm } R201179A	200µl R201179B to	NO2-N	0.2 ppm
SO4 2000ppm } R201179A	100ml DIH2O	NO3	0.2 ppm
	1/15/07 or (Standard expires)	SO4	4.0 ppm
NO2-N 100ppm } R201179B	NJP 12/20/05		

Comment:

Reagent: Autocal 7
Date Received/Prepped: 12/6/05 01/20/06 04/10/06 / /
Date Expired: Fresh / for every calibration 1/15/07
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-6
By: NJP
Matrix: AQ
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000ppm } R201179A	500µl R201179A &	CL	5.0 ppm
NO3 100ppm } R201179A	500µl R201179B to	NO2-N	0.5 ppm
SO4 2000ppm } R201179A	100ml DIH2O	NO3	0.5 ppm
	1/15/07 (Standard expires)	SO4	10.0 ppm
NO2-N 100ppm } R201179B			

Comment:

Reagent Preparation Documentation

Reagent: Autocal 8 **MW #:** NJP 051206-7
Date Received/Prepped: 12/6/05 01/20/06 04/10/06 / / **By:** NJP
Date Expired: Fresh / for every calibration 1/15/07 **Matrix:** AQ
Manufacturer: CPI **Amount:** 100 ml
Storage Condition: Room Temperature **Lot #:**

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	1.0 ml R201179A &	CL	10.0 ppm
NO3 100 ppm } R201179A	1.0 ml R201179B to	NO2-N	1.0 ppm
SO4 2000 ppm } R201179A	100 ml DI H_2O	NO3	1.0 ppm
	1/15/07 (standard expires)	SO4	20.0 ppm
NO2-N 1000 ppm } R201179B			

Comment:

Reagent: Autocal 9 **MW #:** NJP 051206-8
Date Received/Prepped: 12/6/05 01/20/06 04/10/06 / / **By:** NJP
Date Expired: Fresh / for every calibration 1/15/07 **Matrix:** AQ
Manufacturer: CPI **Amount:** 100ml
Storage Condition: Room Temperature **Lot #:**

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	2.5 ml R201179A &	CL	25.0 ppm
NO3 100 ppm } R201179A	2.5 ml R201179B to	NO2-N	2.5 ppm
SO4 2000 ppm } R201179A	100 ml DI H_2O	NO3	2.5 ppm
	1/15/07 (standard expires)	SO4	50.0 ppm
NO2-N 1000 ppm } R201179B			

Comment:

Reagent: Autocal 10 / HCV 1 **MW #:** NJP 051206-9
Date Received/Prepped: 12/6/05 01/20/06 04/10/06 / / **By:** NJP
Date Expired: Fresh / Daily / 1/15/07 / / **Matrix:** AQ
Manufacturer: CPI **Amount:** 100ml
Storage Condition: Room Temperature **Lot #:**

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	5.0 ml R201179A &	CL	50.0 ppm
NO3 100 ppm } R201179A	5.0 ml R201179B to	NO2-N	5.0 ppm
SO4 2000 ppm } R201179A	100 ml DI H_2O	NO3	5.0 ppm
	1/15/07 (standard expires)	SO4	100.0 ppm
NO2-N 1000 ppm } R201179B			

Comment:

Reagent Preparation Documentation

Reagent: Autocal II
Date Received/Prepped: 12/6/05 / 01/20/06 / 04/10/06 / /
Date Expired: Fresh for every Calibration / 1/15/07
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-10
By: NJP
Matrix: AQ
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	10 ml R201179A &	CL	100.0 ppm
NO3 100 ppm } R201179A	10 ml R201179B to	NO2-N	10.0 ppm
SO4 2000 ppm }	100 ml DIH_2O	NO3	10.0 ppm
	1/15/07 (Standard expires)	SO4	200.0 ppm
NO2-N 100 ppm } R201179B			

Comment:

Reagent: HCV 2
Date Received/Prepped: 12/6/05 / 01/20/06 / 04/10/06 / /
Date Expired: Fresh Daily / 1/15/07 /
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-11
By: NJP
Matrix: AQ
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	8 ml R201179A &	CL	80.0 ppm
NO3 100 ppm } R201179A	8 ml R201179B to	NO2-N	8.0 ppm
SO4 2000 ppm }	100 ml DIH_2O	NO3	8.0 ppm
	1/15/07 (Standard expires)	SO4	160.0 ppm
NO2-N 100 ppm } R201179B			

Comment:

Reagent: MCV
Date Received/Prepped: 12/6/05 / 01/20/06 / 04/10/06 / /
Date Expired: Fresh / Daily / 1/15/07 /
Manufacturer: CPI
Storage Condition: Room Temperature

MW #: NJP051206-12
By: NJP
Matrix: AQ
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
CL 1000 ppm } R201179A	2.0 ml R201179A &	CL	20.0 ppm
NO3 100 ppm } R201179A	2.0 ml R201179B to	NO2-N	2.0 ppm
SO4 2000 ppm }	100 ml DIH_2O	NO3	2.0 ppm
	1/15/07 (Standard expires)	SO4	40.0 ppm
NO2-N 100 ppm } R201179B			

Comment:

Reagent Preparation Documentation

Reagent: IC #1 Anion Eluent
Date Received/Prepped: 12/29/05 / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition: Room temperature

MW #: NJP051229-13 NJP 12/29
By: NJP
Matrix: AQ
Amount: 1 L
Lot #:

Component	Comment	Standard	Concentration
	52.8g. Na_2CO_3 → 1 L DIH_2O		

Comment:

Reagent: Anion Eluent
Date Received/Prepped: 12/29/05 01/09/06 / / /
Date Expired: 6/29/06 / / / /
Manufacturer:
Storage Condition: Room Temperature

MW #: NJP051229-2
By: NJP
Matrix: AQ
Amount: 1 L
Lot #:

Component	Comment	Standard	Concentration
	19.09 g. Na_2CO_3 &		
	14.28 g. $NaHCO_3$ to		
	1 L DIH_2O		

Comment:

Reagent: LCS
Date Received/Prepped: 12/28/05 01/20/06 04/10/06 / /
Date Expired: Fresh/Daily / / / /
Manufacturer: 1-cal Standard
Storage Condition: Room Temperature

MW #: NJP051228-1
By: NJP
Matrix: AQ
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
Cl 2500 } ppm	R201274A & 1.00 ml &	Cl	25 ppm
NO_3 250 } R201274A	1.00 ml R201274B to	SO_4	50 ppm
SO_4 5000 }	100 ml DIH_2O	NO_3	2.5 ~~1.0~~ ppm NJP 12/28/05
	Standard expires: 12/01/06	NO_2-N	~~1.0~~ 1.0 ppm
NO_2-N 100 ppm } R201274B			

Comment:

Reagent Preparation Documentation

Reagent: LCSD
Date Received/Prepped: 12/22/05 / 01/20/06 / 04/10/06 / /
Date Expired: Fresh / Daily / / / /
Manufacturer: I-cal
Storage Condition: Room Temperature

MW #: NJP05/228-2
By: NJP
Matrix: AQ
Amount: 100 ml
Lot #:

Component	Comment	Standard	Concentration
CL 2500 ppm } R20/274A	1.0 ml R20/274A &	NO2-N	1.0 ppm
SO4 5000 ppm } R20/274A	1.0 ml R20/274B to	CL	25 ppm
NO3 250 ppm } R20/274A	100 ml DI H_2O	SO4	50 ppm
	Standard expires: 12/1/06	NO3	2.5 ppm
NO2-N 100 ppm } R20/274B			

Comment:

Reagent:
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #:
By:
Matrix:
Amount:
Lot #:

Component	Comment	Standard	Concentration

Comment:

Reagent:
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #:
By:
Matrix:
Amount:
Lot #:

Component	Comment	Standard	Concentration

Comment:

Scan Prep Sheet

Lab Batch No. (Filename): INIC 031406AN JKZ

Analysis Date (start date): 031406

LAB TEST TYPE (Method reference): 300.0A / 300.1B

NOTES:

SUMMARY SHEET

File ID: 031406AN
Date Started: 01/20/06
Analyst ID: njp

SAMPLE ID

autocal1	(16:47)	autocal2	(17:02)	autocal3	(17:17)
autocal4	(17:31)	autocal5	(17:46)	autocal6	(18:00)
autocal7	(18:15)	autocal8	(18:30)	autocal9	(18:44)
autocal10	(18:59)	autocal11	(19:14)	LOWRL	(11:13)
CLRL	(11:26)	2603140130	(12:21)	2603140131	(13:02)
2603140436_1	(13:15)	2603140472	(13:29)	2603140109_1	(13:43)
2603140567	(13:56)	2603140563	(14:10)	2603140565	(14:24)
2603140564_1	(14:37)	2603140560_1	(14:51)	2603140562	(15:32)
2603140128	(15:59)	2603140211_1	(16:13)	2603080011_1	(16:26)
2603140217	(16:40)	2603140210_1	(16:53)	2603140219	(17:07)
2603140208_1	(17:21)	2603140218_1	(17:34)	2603140224	(17:48)
LOWRL	(18:43)	CLRL	(18:56)	2603140214	(19:51)
2603140226	(20:32)	2603140227	(20:45)	2603140215	(20:59)
2603140213	(21:13)	2603140212	(21:26)	2603140225	(21:40)
2603140223	(21:53)	2603140491_1	(22:07)	2603140490_1	(22:21)
2603140129	(23:02)	2603140466_1	(23:29)	2603140467_1	(23:42)
2603140468_1	(23:56)	2603140469_1	(00:10)	2603140470_1	(00:23)
2603140434_1	(00:37)	2603140435_1	(00:51)	2603140189	(01:04)
2603140387	(01:18)	LOWRL	(02:12)	CLRL	(02:26)
2603140185	(03:21)	2603140388	(04:01)	2603140384_1	(04:15)
2603140110_1	(04:29)	2603140427_1	(04:42)	2603140256_1	(04:56)
2603140257_1	(05:10)	2603140258_1	(05:23)	2603140259_1	(05:37)
2603140260_1	(05:50)	2603140376	(06:31)	2603140377_1	(06:59)
2603140178_1	(07:12)	2603140177_1	(07:26)	2603140181_1	(07:39)
2603140180_1	(07:53)	2603140179_1	(08:07)	2603140169_1	(08:20)
2603140176_1	(08:34)	2603140187_1	(08:48)	LOWRL	(09:42)
CLRL	(09:56)	2603140544	(10:50)	2603140547	(11:31)
2603140551	(11:45)	2603140582_1	(11:58)	2603140584_1	(12:12)
2603140556_1	(12:26)	2603140555_1	(12:39)	2603140554_1	(12:53)
2603140553_1	(13:07)	2603140557_1	(13:20)		()

COMMENT:

Analyst: _____

Approved By: _____

File ID: 031406AN RUN - LOG

Sample ID	Date	Time	Dil
autocal1	01/20/06	16:47	1
autocal2	01/20/06	17:02	1
autocal3	01/20/06	17:17	1
autocal4	01/20/06	17:31	1
autocal5	01/20/06	17:46	1
autocal6	01/20/06	18:00	1
autocal7	01/20/06	18:15	1
autocal8	01/20/06	18:30	1
autocal9	01/20/06	18:44	1
autocal10	01/20/06	18:59	1
autocal11	01/20/06	19:14	1
HCV2	03/14/06	10:32	1
HCV1	03/14/06	10:45	1
MCV	03/14/06	10:59	1
LOWRL	03/14/06	11:13	1
CLRL	03/14/06	11:26	1
MBLANK	03/14/06	11:40	1
LCS	03/14/06	11:54	1
LCSD	03/14/06	12:07	1
2603140130	03/14/06	12:21	1
2603140130MS	03/14/06	12:35	1
2603140130MSD	03/14/06	12:48	1
2603140131	03/14/06	13:02	1
2603140436_1/5	03/14/06	13:15	5
2603140472	03/14/06	13:29	1
2603140109_1/20	03/14/06	13:43	20
2603140567	03/14/06	13:56	1
2603140563	03/14/06	14:10	1
2603140565	03/14/06	14:24	1
2603140564_1/2	03/14/06	14:37	2
2603140560_1/2	03/14/06	14:51	2
MCV	03/14/06	15:04	1
CCB	03/14/06	15:18	1
2603140562	03/14/06	15:32	2
2603140562MS	03/14/06	15:45	2
2603140128	03/14/06	15:59	1
2603140211_1/2	03/14/06	16:13	2
2603080011_1/2	03/14/06	16:26	2
2603140217	03/14/06	16:40	1
2603140210_1/2	03/14/06	16:53	2
2603140219	03/14/06	17:07	1
2603140208_1/2	03/14/06	17:21	2
2603140218_1/2	03/14/06	17:34	2
2603140224	03/14/06	17:48	1
HCV2	03/14/06	18:02	1
HCV1	03/14/06	18:15	1
CCB	03/14/06	18:29	1
LOWRL	03/14/06	18:43	1
CLRL	03/14/06	18:56	1

File ID: 031406AN RUN - LOG

Sample ID	Date	Time	Dil
MBLANK	03/14/06	19:10	1
LCS	03/14/06	19:23	1
LCSD	03/14/06	19:37	1
2603140214	03/14/06	19:51	2
2603140214MS	03/14/06	20:04	2
2603140214MSD	03/14/06	20:18	2
2603140226	03/14/06	20:32	1
2603140227	03/14/06	20:45	1
2603140215	03/14/06	20:59	1
2603140213	03/14/06	21:13	1
2603140212	03/14/06	21:26	1
2603140225	03/14/06	21:40	1
2603140223	03/14/06	21:53	1
2603140491_1/2	03/14/06	22:07	2
2603140490_1/2	03/14/06	22:21	2
MCV	03/14/06	22:34	1
CCB	03/14/06	22:48	1
2603140129	03/14/06	23:02	1
2603140129MS	03/14/06	23:15	1
2603140466_1/2	03/14/06	23:29	2
2603140467_1/2	03/14/06	23:42	2
2603140468_1/2	03/14/06	23:56	2
2603140469_1/2	03/15/06	00:10	2
2603140470_1/2	03/15/06	00:23	2
2603140434_1/2	03/15/06	00:37	2
2603140435_1/2	03/15/06	00:51	2
2603140189	03/15/06	01:04	1
2603140387	03/15/06	01:18	1
HCV2	03/15/06	01:31	1
HCV1	03/15/06	01:45	1
CCB	03/15/06	01:59	1
LOWRL	03/15/06	02:12	1
CLRL	03/15/06	02:26	1
MBLANK	03/15/06	02:40	1
LCS	03/15/06	02:53	1
LCSD	03/15/06	03:07	1
2603140185	03/15/06	03:21	1
2603140185MS	03/15/06	03:34	1
2603140185MSD	03/15/06	03:48	1
2603140388	03/15/06	04:01	1
2603140384_1/2	03/15/06	04:15	2
2603140110_1/20	03/15/06	04:29	20
2603140427_1/20	03/15/06	04:42	20
2603140256_1/2	03/15/06	04:56	2
2603140257_1/2	03/15/06	05:10	2
2603140258_1/2	03/15/06	05:23	2
2603140259_1/2	03/15/06	05:37	2
2603140260_1/2	03/15/06	05:50	2
MCV	03/15/06	06:04	1
CCB	03/15/06	06:18	1

File ID: 031406AN RUN - LOG

Sample ID	Date	Time	Dil
2603140376	03/15/06	06:31	2
2603140376MS	03/15/06	06:45	2
2603140377_1/2	03/15/06	06:59	2
2603140178_1/2	03/15/06	07:12	2
2603140177_1/2	03/15/06	07:26	2
2603140181_1/2	03/15/06	07:39	2
2603140180_1/2	03/15/06	07:53	2
2603140179_1/2	03/15/06	08:07	2
2603140169_1/2	03/15/06	08:20	2
2603140176_1/2	03/15/06	08:34	2
2603140187_1/2	03/15/06	08:48	2
HCV2	03/15/06	09:01	1
HCV1	03/15/06	09:15	1
CCB	03/15/06	09:29	1
LOWRL	03/15/06	09:42	1
CLRL	03/15/06	09:56	1
MBLANK	03/15/06	10:09	1
LCS	03/15/06	10:23	1
LCSD	03/15/06	10:37	1
2603140544	03/15/06	10:50	1
2603140544MS	03/15/06	11:04	1
2603140544MSD	03/15/06	11:18	1
2603140547	03/15/06	11:31	1
2603140551	03/15/06	11:45	1
2603140582_1/5	03/15/06	11:58	5
2603140584_1/2	03/15/06	12:12	2
2603140556_1/5	03/15/06	12:26	5
2603140555_1/5	03/15/06	12:39	5
2603140554_1/5	03/15/06	12:53	5
2603140553_1/5	03/15/06	13:07	5
2603140557_1/5	03/15/06	13:20	5
MCV	03/15/06	13:34	1
CCB	03/15/06	13:47	1
			0

BATCH NUMBER for 031406AN

Test Parameter:

CL NO2-N NO3 SO4 NO3A

Batch ID: 2603140130

2603140130	2603140131	2603140436_1/5
2603140472	2603140109_1/20	2603140567
2603140563	2603140565	2603140564_1/2
2603140560_1/2	2603140562	2603140128
2603140211_1/2	2603080011_1/2	2603140217
2603140210_1/2	2603140219	2603140208_1/2
2603140218_1/2	2603140224	

Batch ID: 2603140214

2603140214	2603140226	2603140227
2603140215	2603140213	2603140212
2603140225	2603140223	2603140491_1/2
2603140490_1/2	2603140129	2603140466_1/2
2603140467_1/2	2603140468_1/2	2603140469_1/2
2603140470_1/2	2603140434_1/2	2603140435_1/2
2603140189	2603140387	

Batch ID: 2603140185

2603140185	2603140388	2603140384_1/2
2603140110_1/20	2603140427_1/20	2603140256_1/2
2603140257_1/2	2603140258_1/2	2603140259_1/2
2603140260_1/2	2603140376	2603140377_1/2
2603140178_1/2	2603140177_1/2	2603140181_1/2
2603140180_1/2	2603140179_1/2	2603140169_1/2
2603140176_1/2	2603140187_1/2	

Batch ID: 2603140544

2603140544	2603140547	2603140551
2603140582_1/5	2603140584_1/2	2603140556_1/5
2603140555_1/5	2603140554_1/5	2603140553_1/5
2603140557_1/5		

File ID: 031406AN

CL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	01/20/06	16:47	1	0	ND		
autocal2	01/20/06	17:02	1	.17637	ND		
autocal3	01/20/06	17:17	1	.28503	ND		
autocal4	01/20/06	17:31	1	.49829	ND		
autocal5	01/20/06	17:46	1	.94732	ND		
autocal6	01/20/06	18:00	1	1.8761	1.9		
autocal7	01/20/06	18:15	1	4.7274	4.7		
autocal8	01/20/06	18:30	1	9.9021	9.9		
autocal9	01/20/06	18:44	1	25.150	25		
autocal10	01/20/06	18:59	1	49.974	50		
autocal11	01/20/06	19:14	1	87.618	88		
HCV2	03/14/06	10:32	1	76.888	76.9	90-110	96.1%
HCV1	03/14/06	10:45	1	51.219	51.2	90-110	102%
MCV	03/14/06	10:59	1	21.448	21.4	90-110	107%
LOWRL	03/14/06	11:13	1	.12815	ND		
CLRL	03/14/06	11:26	1	.53250	ND		
MBLANK	03/14/06	11:40	1	0	ND		
LCS	03/14/06	11:54	1	26.093	26.1	90-110	104%
LCSD	03/14/06	12:07	1	25.778	25.8	90-110	103%
2603140130	03/14/06	12:21	1	7.502519000000001D-02	ND TV= 12.5		
2603140130MS	03/14/06	12:35	1	12.927	12.9	[12.852]	102%
2603140130MSD	03/14/06	12:48	1	13.031	13	[12.956]	103%
2603140130T	03/14/06	12:48	1		12.50	90 - 110	
2603140131	03/14/06	13:02	1	2.3451	2.3		
2603140436_1/5	03/14/06	13:15	5	120.90	120		
2603140472	03/14/06	13:29	1	.04206	ND		
2603140109_1/20	03/14/06	13:43	20	1855.8	1900		
2603140567	03/14/06	13:56	1	116.08	120		
2603140563	03/14/06	14:10	1	112.49	110		
2603140565	03/14/06	14:24	1	113.99	110		
2603140564_1/2	03/14/06	14:37	2	54.330	54		
2603140560_1/2	03/14/06	14:51	2	31.883	32		
MCV	03/14/06	15:04	1	21.585	21.6	90-110	107%
CCB	03/14/06	15:18	1	0	ND		
2603140562	03/14/06	15:32	2	54.302	54 TV=12.5 12.2		
2603140562MS	03/14/06	15:45	2	78.646	78.6	[~~24.344~~]	97.3%
2603140128	03/14/06	15:59	1	5.3996	5.4		
2603140211_1/2	03/14/06	16:13	2	11.626	12		
2603080011_1/2	03/14/06	16:26	2	26.242	26		
2603140217	03/14/06	16:40	1	22.069	22		
2603140210_1/2	03/14/06	16:53	2	46.130	46		

jkz 05/12/06

jkz 05/12/06

File ID: 031406AN

CL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140219	03/14/06	17:07	1	6.9850	7.0		
2603140208_1/2	03/14/06	17:21	2	46.889	47		
2603140218_1/2	03/14/06	17:34	2	12.809	13		
2603140224	03/14/06	17:48	1	21.393	21		
HCV2	03/14/06	18:02	1	76.587	76.6	90-110	95.7%
HCV1	03/14/06	18:15	1	50.954	51	90-110	101%
CCB	03/14/06	18:29	1	0	ND		
LOWRL	03/14/06	18:43	1	.12609	ND		
CLRL	03/14/06	18:56	1	.51243	ND		
MBLANK	03/14/06	19:10	1	0	ND		
LCS	03/14/06	19:23	1	26.308	26.3	90-110	105%
LCSD	03/14/06	19:37	1	26.110	26.1	90-110	104%
2603140214	03/14/06	19:51	2	34.249	34 TV=12.5 12.6		
2603140214MS	03/14/06	20:04	2	59.525	59.5 [~~25.276~~]		101% jkz 05/12/06
2603140214MSD	03/14/06	20:18	2	59.981	60 12.9 [~~25.732~~]		102%
2603140214T	03/14/06	20:18	2		25.00	90 - 110	
2603140226	03/14/06	20:32	1	19.071	19		
2603140227	03/14/06	20:45	1	16.439	16		
2603140215	03/14/06	20:59	1	14.877	15		
2603140213	03/14/06	21:13	1	7.7734	7.8		
2603140212	03/14/06	21:26	1	12.737	13		
2603140225	03/14/06	21:40	1	11.284	11		
2603140223	03/14/06	21:53	1	9.5640	9.6		
2603140491_1/2	03/14/06	22:07	2	17.355	17		
2603140490_1/2	03/14/06	22:21	2	18.056	18		
MCV	03/14/06	22:34	1	21.400	21.4	90-110	107%
CCB	03/14/06	22:48	1	0	ND		
2603140129	03/14/06	23:02	1	2.7865	2.8 TV=12.5		
2603140129MS	03/14/06	23:15	1	15.865	15.9	[13.078]	104% jkz 05/12/06
2603140466_1/2	03/14/06	23:29	2	48.371	48		
2603140467_1/2	03/14/06	23:42	2	47.614	48		
2603140468_1/2	03/14/06	23:56	2	40.675	41		
2603140469_1/2	03/15/06	00:10	2	86.549	87		
2603140470_1/2	03/15/06	00:23	2	95.074	95		
2603140434_1/2	03/15/06	00:37	2	23.877	24		
2603140435_1/2	03/15/06	00:51	2	24.343	24		
2603140189	03/15/06	01:04	1	.02268287	ND		
2603140387	03/15/06	01:18	1	119.37	120		
HCV2	03/15/06	01:31	1	76.601	76.6	90-110	95.7%
HCV1	03/15/06	01:45	1	51.367	51.4	90-110	102%
CCB	03/15/06	01:59	1	0	ND		

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CL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit		Comment
LOWRL	03/15/06	02:12	1	.13868	ND			
CLRL	03/15/06	02:26	1	.50653	ND			
MBLANK	03/15/06	02:40	1	0	ND			
LCS	03/15/06	02:53	1	25.994	26	90-110	103%	
LCSD	03/15/06	03:07	1	26.157	26.2	90-110	104%	
2603140185	03/15/06	03:21	1	12.604	13 TV=12.5			
2603140185MS	03/15/06	03:34	1	26.206	26.2	[13.602]	108%	jkz 05/12/06
2603140185MSD	03/15/06	03:48	1	26.038	26	[13.435]	107%	
2603140185T	03/15/06	03:48	1		12.50	90 - 110		
2603140388	03/15/06	04:01	1	121.07	120			
2603140384_1/2	03/15/06	04:15	2	18.428	18			
2603140110_1/20	03/15/06	04:29	20	1711.5	1700			
2603140427_1/20	03/15/06	04:42	20	89.325	89			
2603140256_1/2	03/15/06	04:56	2	33.942	34			
2603140257_1/2	03/15/06	05:10	2	23.030	23			
2603140258_1/2	03/15/06	05:23	2	51.263	51			
2603140259_1/2	03/15/06	05:37	2	15.498	15			
2603140260_1/2	03/15/06	05:50	2	70.850	71			
MCV	03/15/06	06:04	1	21.270	21.3	90-110	106%	
CCB	03/15/06	06:18	1	0	ND			
2603140376	03/15/06	06:31	2	31.985	32 TV=12.5 13.2			
2603140376MS	03/15/06	06:45	2	58.305	58.3	[~~26.320~~]	105%	jkz 05/12/06
2603140377_1/2	03/15/06	06:59	2	37.749	38			
2603140178_1/2	03/15/06	07:12	2	30.990	31			
2603140177_1/2	03/15/06	07:26	2	31.708	32			
2603140181_1/2	03/15/06	07:39	2	31.763	32			
2603140180_1/2	03/15/06	07:53	2	33.868	34			
2603140179_1/2	03/15/06	08:07	2	31.524	32			
2603140169_1/2	03/15/06	08:20	2	33.007	33			
2603140176_1/2	03/15/06	08:34	2	33.094	33			
2603140187_1/2	03/15/06	08:48	2	30.865	31			
HCV2	03/15/06	09:01	1	76.822	76.8	90-110	96.0%	
HCV1	03/15/06	09:15	1	51.303	51.3	90-110	102%	
CCB	03/15/06	09:29	1	0	ND			
LOWRL	03/15/06	09:42	1	.12675	ND			
CLRL	03/15/06	09:56	1	.48823	ND			
MBLANK	03/15/06	10:09	1	0	ND			
LCS	03/15/06	10:23	1	26.322	26.3	90-110	105%	
LCSD	03/15/06	10:37	1	26.580	26.6	90-110	106%	
2603140544	03/15/06	10:50	1	13.854	14 TV=12.5			
2603140544MS	03/15/06	11:04	1	26.833	26.8	[12.980]	103%	jkz 05/12/06

File ID: 031406AN

CL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
					TV=12.5		
2603140544MSD	03/15/06	11:18	1	27.154	27.2	[13.300]	106%
2603140544T	03/15/06	11:18	1		12.50	90 - 110	
2603140547	03/15/06	11:31	1	8.9769	9.0		
2603140551	03/15/06	11:45	1	54.152	54		
2603140582_1/5	03/15/06	11:58	5	65.079	65		
2603140584_1/2	03/15/06	12:12	2	20.582	21		
2603140556_1/5	03/15/06	12:26	5	64.962	65		
2603140555_1/5	03/15/06	12:39	5	64.532	65		
2603140554_1/5	03/15/06	12:53	5	138.70	140		
2603140553_1/5	03/15/06	13:07	5	69.802	70		
2603140557_1/5	03/15/06	13:20	5	67.569	68		
MCV	03/15/06	13:34	1	21.206	21.2	90-110	106%
CCB	03/15/06	13:47	1	0	ND		
			0	N/A	ND		

03/12/06

File ID: 031406AN

NO2-N

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	01/20/06	16:47	1	0	ND		
autocal2	01/20/06	17:02	1	.02624683	ND		
autocal3	01/20/06	17:17	1	.03214114	ND		
autocal4	01/20/06	17:31	1	.05695	ND		
autocal5	01/20/06	17:46	1	.10385	0.100		
autocal6	01/20/06	18:00	1	.19556	0.20		
autocal7	01/20/06	18:15	1	.47018	0.47		
autocal8	01/20/06	18:30	1	.94937	0.95		
autocal9	01/20/06	18:44	1	2.4496	2.4		
autocal10	01/20/06	18:59	1	5.0580	5.1		
autocal11	01/20/06	19:14	1	9.9899	10		
HCV2	03/14/06	10:32	1	7.8171	7.82	90-110	97.7%
HCV1	03/14/06	10:45	1	5.0700	5.07	90-110	101%
MCV	03/14/06	10:59	1	1.9426	1.94	90-110	97.1%
LOWRL	03/14/06	11:13	1	.01251003	ND		
CLRL	03/14/06	11:26	1	.05547399	ND		
MBLANK	03/14/06	11:40	1	0	ND		
LCS	03/14/06	11:54	1	.97789	0.978	90-110	97.7%
LCSD	03/14/06	12:07	1	.91626	0.916	90-110	91.6%
2603140130	03/14/06	12:21	1	0	ND TV= 0.50		
2603140130MS	03/14/06	12:35	1	.52291	0.523	[0.523] 104%	jkg 05/12/06
2603140130MSD	03/14/06	12:48	1	.50184	0.502	[0.502] 100%	
2603140130T	03/14/06	12:48	1		0.50	90 - 110	
2603140131	03/14/06	13:02	1	0	ND		
2603140436_1/5	03/14/06	13:15	5	0	ND		
2603140472	03/14/06	13:29	1	0	ND		
2603140109_1/20	03/14/06	13:43	20	0	ND		
2603140567	03/14/06	13:56	1	0	ND		
2603140563	03/14/06	14:10	1	0	ND		
2603140565	03/14/06	14:24	1	0	ND		
2603140564_1/2	03/14/06	14:37	2	0	ND		
2603140560_1/2	03/14/06	14:51	2	0	ND		
MCV	03/14/06	15:04	1	2.0367	2.04	90-110	101%
CCB	03/14/06	15:18	1	0	ND		
2603140562	03/14/06	15:32	2	0	ND TV= 0.50	0.53	
2603140562MS	03/14/06	15:45	2	1.0534	1.05	[1.053] 105%	jkg 05/12/06
2603140128	03/14/06	15:59	1	.01417183	ND		
2603140211_1/2	03/14/06	16:13	2	.02967499	ND		
2603080011_1/2	03/14/06	16:26	2	0	ND		
2603140217	03/14/06	16:40	1	0	ND		
2603140210_1/2	03/14/06	16:53	2	0	ND		

File ID: 031406AN

NO2-N

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140219	03/14/06	17:07	1	0	ND		
2603140208_1/2	03/14/06	17:21	2	0	ND		
2603140218_1/2	03/14/06	17:34	2	0	ND		
2603140224	03/14/06	17:48	1	0	ND		
HCV2	03/14/06	18:02	1	7.9958	8.00	90-110	99.9%
HCV1	03/14/06	18:15	1	4.8862	4.89	90-110	97.7%
CCB	03/14/06	18:29	1	0	ND		
LOWRL	03/14/06	18:43	1	.01273748	ND		
CLRL	03/14/06	18:56	1	.04630649	ND		
MBLANK	03/14/06	19:10	1	0	ND		
LCS	03/14/06	19:23	1	.99687	0.997	90-110	99.6%
LCSD	03/14/06	19:37	1	1.0010	1.00	90-110	100%
2603140214	03/14/06	19:51	2	0	ND TV = 0.5% 0.47		
2603140214MS	03/14/06	20:04	2	.93698	0.937 [0.937]	93.6%	jkg 05/12/06
2603140214MSD	03/14/06	20:18	2	1.0367	1.04 0.52 [1.037]	103%	
2603140214T	03/14/06	20:18	2		1.00	90 - 110	
2603140226	03/14/06	20:32	1	0	ND		
2603140227	03/14/06	20:45	1	0	ND		
2603140215	03/14/06	20:59	1	0	ND		
2603140213	03/14/06	21:13	1	0	ND		
2603140212	03/14/06	21:26	1	0	ND		
2603140225	03/14/06	21:40	1	0	ND		
2603140223	03/14/06	21:53	1	0	ND		
2603140491_1/2	03/14/06	22:07	2	0	ND		
2603140490_1/2	03/14/06	22:21	2	0	ND		
MCV	03/14/06	22:34	1	2.0379	2.04	90-110	101%
CCB	03/14/06	22:48	1	0	ND		
2603140129	03/14/06	23:02	1	0	ND TV = 0.50		
2603140129MS	03/14/06	23:15	1	.49696	0.497 [0.497]	99.3%	jkg 05/12/06
2603140466_1/2	03/14/06	23:29	2	0	ND		
2603140467_1/2	03/14/06	23:42	2	0	ND		
2603140468_1/2	03/14/06	23:56	2	0	ND		
2603140469_1/2	03/15/06	00:10	2	0	ND		
2603140470_1/2	03/15/06	00:23	2	0	ND		
2603140434_1/2	03/15/06	00:37	2	0	ND		
2603140435_1/2	03/15/06	00:51	2	0	ND		
2603140189	03/15/06	01:04	1	0	ND		
2603140387	03/15/06	01:18	1	0	ND		
HCV2	03/15/06	01:31	1	7.8435	7.84	90-110	98.0%
HCV1	03/15/06	01:45	1	4.9436	4.94	90-110	98.8%
CCB	03/15/06	01:59	1	0	ND		

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NO2-N

Sample ID	Date	Time	Dil	Raw	Rept.	Limit		Comment
LOWRL	03/15/06	02:12	1	.01285	ND			
CLRL	03/15/06	02:26	1	.04763961	ND			
MBLANK	03/15/06	02:40	1	0	ND			
LCS	03/15/06	02:53	1	.98087	0.981	90-110	98.0%	
LCSD	03/15/06	03:07	1	.96840	0.968	90-110	96.8%	
2603140185	03/15/06	03:21	1	9.966435999999999D-02	ND	TV= 0.50		
2603140185MS	03/15/06	03:34	1	.59433	0.594	[0.495]	98.9%	jkg 05/12/06
2603140185MSD	03/15/06	03:48	1	.54953	0.55	[0.450]	89.9 Q	
2603140185T	03/15/06	03:48	1		0.50	90 - 110		
2603140388	03/15/06	04:01	1	0	ND			
2603140384_1/2	03/15/06	04:15	2	0	ND			
2603140110_1/20	03/15/06	04:29	20	0	ND			
2603140427_1/20	03/15/06	04:42	20	0	ND			
2603140256_1/2	03/15/06	04:56	2	0	ND			
2603140257_1/2	03/15/06	05:10	2	.03616	ND			
2603140258_1/2	03/15/06	05:23	2	0	ND			
2603140259_1/2	03/15/06	05:37	2	0	ND			
2603140260_1/2	03/15/06	05:50	2	0	ND			
MCV	03/15/06	06:04	1	2.0626	2.06	90-110	103%	
CCB	03/15/06	06:18	1	0	ND			
2603140376	03/15/06	06:31	2	0	ND	TV= 0.50	0.53	
2603140376MS	03/15/06	06:45	2	1.0530	1.05	[~~1.053~~]	105%	jkg 05/12/06
2603140377_1/2	03/15/06	06:59	2	0	ND			
2603140178_1/2	03/15/06	07:12	2	0	ND			
2603140177_1/2	03/15/06	07:26	2	0	ND			
2603140181_1/2	03/15/06	07:39	2	0	ND			
2603140180_1/2	03/15/06	07:53	2	0	ND			
2603140179_1/2	03/15/06	08:07	2	0	ND			
2603140169_1/2	03/15/06	08:20	2	0	ND			
2603140176_1/2	03/15/06	08:34	2	0	ND			
2603140187_1/2	03/15/06	08:48	2	0	ND			
HCV2	03/15/06	09:01	1	8.0290	8.03	90-110	100%	
HCV1	03/15/06	09:15	1	5.0586	5.06	90-110	101%	
CCB	03/15/06	09:29	1	0	ND			
LOWRL	03/15/06	09:42	1	.01273079	ND			
CLRL	03/15/06	09:56	1	.05982914	ND			
MBLANK	03/15/06	10:09	1	0	ND			
LCS	03/15/06	10:23	1	1.0168	1.02	90-110	101%	
LCSD	03/15/06	10:37	1	1.0723	1.07	90-110	107%	
2603140544	03/15/06	10:50	1	.07047588	ND	TV= 0.50		
2603140544MS	03/15/06	11:04	1	.55060	0.551	[0.480]	96.0%	jkg 05/12/06

File ID: 031406AN

NO2-N

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
					TV= 0.50		
2603140544MSD	03/15/06	11:18	1	.60224	0.602	[0.532]	106%
2603140544T	03/15/06	11:18	1		0.50	90 - 110	
2603140547	03/15/06	11:31	1	.04326257	ND		
2603140551	03/15/06	11:45	1	.23893	0.24		
2603140582_1/5	03/15/06	11:58	5	0	ND		
2603140584_1/2	03/15/06	12:12	2	0	ND		
2603140556_1/5	03/15/06	12:26	5	0	ND		
2603140555_1/5	03/15/06	12:39	5	0	ND		
2603140554_1/5	03/15/06	12:53	5	0	ND		
2603140553_1/5	03/15/06	13:07	5	0	ND		
2603140557_1/5	03/15/06	13:20	5	0	ND		
MCV	03/15/06	13:34	1	2.0487	2.05	90-110	102%
CCB	03/15/06	13:47	1	0	ND		
			0	N/A	ND		

jlm 05/12/06

File ID: 031406AN

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	01/20/06	16:47	1	0	ND		
autocal2	01/20/06	17:02	1	.01449051	ND		
autocal3	01/20/06	17:17	1	.02297037	ND		
autocal4	01/20/06	17:31	1	.04764457	ND		
autocal5	01/20/06	17:46	1	.09373955	ND		
autocal6	01/20/06	18:00	1	.18982	0.19		
autocal7	01/20/06	18:15	1	.47718	0.48		
autocal8	01/20/06	18:30	1	.96583	0.97		
autocal9	01/20/06	18:44	1	2.4138	2.4		
autocal10	01/20/06	18:59	1	5.0774	5.1		
autocal11	01/20/06	19:14	1	9.9873	10		
HCV2	03/14/06	10:32	1	7.9736	7.97	90-110	99.6%
HCV1	03/14/06	10:45	1	4.9395	4.94	90-110	98.7%
MCV	03/14/06	10:59	1	2.0880	2.09	90-110	104%
LOWRL	03/14/06	11:13	1	.01199	ND		
CLRL	03/14/06	11:26	1	.04988208	ND		
MBLANK	03/14/06	11:40	1	0	ND		
LCS	03/14/06	11:54	1	2.4969	2.5	90-110	99.8%
LCSD	03/14/06	12:07	1	2.5096	2.51	90-110	100%
2603140130	03/14/06	12:21	1	.01150542	ND TV=1.25		
2603140130MS	03/14/06	12:35	1	1.2554	1.26	[1.244]	99.5% jkg 05/12/06
2603140130MSD	03/14/06	12:48	1	1.2418	1.24	[1.230]	98.4%
2603140130T	03/14/06	12:48	1		1.25	90 - 110	
2603140131	03/14/06	13:02	1	.14724	0.15		
2603140436_1/5	03/14/06	13:15	5	.72520	0.73		
2603140472	03/14/06	13:29	1	8.684610000000001D-03	ND		
2603140109_1/20	03/14/06	13:43	20	.48939	ND		
2603140567	03/14/06	13:56	1	1.4182	1.4		
2603140563	03/14/06	14:10	1	1.6539	1.7		
2603140565	03/14/06	14:24	1	1.3269	1.3		
2603140564_1/2	03/14/06	14:37	2	7.6837	7.7		
2603140560_1/2	03/14/06	14:51	2	7.6766	7.7		
MCV	03/14/06	15:04	1	2.0793	2.08	90-110	103%
CCB	03/14/06	15:18	1	0	ND		
2603140562	03/14/06	15:32	2	7.6968	7.7 TV=1.25	0.93	
2603140562MS	03/14/06	15:45	2	9.5649	9.56	[~~1.868~~]	74.7 Q
2603140128	03/14/06	15:59	1	.18108	0.18		
2603140211_1/2	03/14/06	16:13	2	1.7098	1.7		
2603080011_1/2	03/14/06	16:26	2	7.2618	7.3		
2603140217	03/14/06	16:40	1	2.5558	2.6		
2603140210_1/2	03/14/06	16:53	2	.42144	0.42		

File ID: 031406AN

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140219	03/14/06	17:07	1	1.2852	1.3		
2603140208_1/2	03/14/06	17:21	2	.42694	0.43		
2603140218_1/2	03/14/06	17:34	2	.83592	0.84		
2603140224	03/14/06	17:48	1	2.4113	2.4		
HCV2	03/14/06	18:02	1	7.8467	7.85	90-110	98.0%
HCV1	03/14/06	18:15	1	4.9485	4.95	90-110	98.9%
CCB	03/14/06	18:29	1	0	ND		
LOWRL	03/14/06	18:43	1	.01385762	ND		
CLRL	03/14/06	18:56	1	.05023208	ND		
MBLANK	03/14/06	19:10	1	0	ND		
LCS	03/14/06	19:23	1	2.5343	2.53	90-110	101%
LCSD	03/14/06	19:37	1	2.5069	2.51	90-110	100%
2603140214	03/14/06	19:51	2	2.6710	2.7 TV=1.25 1.22		
2603140214MS	03/14/06	20:04	2	5.1074	5.11	[~~2.436~~]	97.4% ~~jkz~~ jkz
2603140214MSD	03/14/06	20:18	2	5.0738	5.07 1.20	[~~2.403~~]	96.1% 05/12/06
2603140214T	03/14/06	20:18	2		2.50	90 - 110	
2603140226	03/14/06	20:32	1	2.2023	2.2		
2603140227	03/14/06	20:45	1	1.0609	1.1		
2603140215	03/14/06	20:59	1	1.9021	1.9		
2603140213	03/14/06	21:13	1	1.6569	1.7		
2603140212	03/14/06	21:26	1	1.5105	1.5		
2603140225	03/14/06	21:40	1	1.4114	1.4		
2603140223	03/14/06	21:53	1	1.0403	1.0		
2603140491_1/2	03/14/06	22:07	2	4.0365	4.0		
2603140490_1/2	03/14/06	22:21	2	3.9489	3.9		
MCV	03/14/06	22:34	1	2.0833	2.08	90-110	104%
CCB	03/14/06	22:48	1	0	ND		
2603140129	03/14/06	23:02	1	.17349	0.17 TV=1.25		
2603140129MS	03/14/06	23:15	1	1.3525	1.35	[1.179]	94.3% jkz 05/12/06
2603140466_1/2	03/14/06	23:29	2	1.3342	1.3		
2603140467_1/2	03/14/06	23:42	2	1.2629	1.3		
2603140468_1/2	03/14/06	23:56	2	3.5708	3.6		
2603140469_1/2	03/15/06	00:10	2	3.9224	3.9		
2603140470_1/2	03/15/06	00:23	2	2.4266	2.4		
2603140434_1/2	03/15/06	00:37	2	3.0948	3.1		
2603140435_1/2	03/15/06	00:51	2	3.1239	3.1		
2603140189	03/15/06	01:04	1	0	ND		
2603140387	03/15/06	01:18	1	.03825235	ND		
HCV2	03/15/06	01:31	1	8.0154	8.02	90-110	100%
HCV1	03/15/06	01:45	1	4.8975	4.9	90-110	97.9%
CCB	03/15/06	01:59	1	0	ND		

File ID: 031406AN

NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
LOWRL	03/15/06	02:12	1	.01380721	ND		
CLRL	03/15/06	02:26	1	.05614621	ND		
MBLANK	03/15/06	02:40	1	0	ND		
LCS	03/15/06	02:53	1	2.4308	2.43	90-110	97.2%
LCSD	03/15/06	03:07	1	2.4178	2.42	90-110	96.7%
2603140185	03/15/06	03:21	1	4.2063	4.2	TV= 1.25	
2603140185MS	03/15/06	03:34	1	5.6265	5.63	[1.420]	113 Q
2603140185MSD	03/15/06	03:48	1	5.6269	5.63	[1.421]	113 Q
2603140185T	03/15/06	03:48	1		1.25	90 - 110	
2603140388	03/15/06	04:01	1	.03043952	ND		
2603140384_1/2	03/15/06	04:15	2	4.3663	4.4		
2603140110_1/20	03/15/06	04:29	20	62.949	63		
2603140427_1/20	03/15/06	04:42	20	.57342	ND		
2603140256_1/2	03/15/06	04:56	2	5.6745	5.7		
2603140257_1/2	03/15/06	05:10	2	4.7745	4.8		
2603140258_1/2	03/15/06	05:23	2	6.3339	6.3		
2603140259_1/2	03/15/06	05:37	2	8.3608	8.4		
2603140260_1/2	03/15/06	05:50	2	9.8462	9.8		
MCV	03/15/06	06:04	1	2.0520	2.05	90-110	102%
CCB	03/15/06	06:18	1	0	ND		
2603140376	03/15/06	06:31	2	8.5818	8.6		
2603140376MS	03/15/06	06:45	2	10.857	10.9	[2.276]	91.0%
2603140377_1/2	03/15/06	06:59	2	7.9166	7.9		
2603140178_1/2	03/15/06	07:12	2	5.4600	5.5		
2603140177_1/2	03/15/06	07:26	2	5.5180	5.5		
2603140181_1/2	03/15/06	07:39	2	5.4955	5.5		
2603140180_1/2	03/15/06	07:53	2	5.7128	5.7		
2603140179_1/2	03/15/06	08:07	2	5.4970	5.5		
2603140169_1/2	03/15/06	08:20	2	5.6806	5.7		
2603140176_1/2	03/15/06	08:34	2	5.6393	5.6		
2603140187_1/2	03/15/06	08:48	2	5.4416	5.4		
HCV2	03/15/06	09:01	1	7.8655	7.87	90-110	98.3%
HCV1	03/15/06	09:15	1	5.0751	5.08	90-110	101%
CCB	03/15/06	09:29	1	0	ND		
LOWRL	03/15/06	09:42	1	.01565486	ND		
CLRL	03/15/06	09:56	1	.04627021	ND		
MBLANK	03/15/06	10:09	1	0	ND		
LCS	03/15/06	10:23	1	2.5329	2.53	90-110	101%
LCSD	03/15/06	10:37	1	2.5568	2.56	90-110	102%
2603140544	03/15/06	10:50	1	.79568	0.80	TV= 1.25	
2603140544MS	03/15/06	11:04	1	2.0193	2.02	[1.224]	97.8%

File ID: 031406AN NO3

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
					TV= 1.25		
2603140544MSD	03/15/06	11:18	1	2.0360	2.04	[1.240] 99.2%	jkg 05/12/06
2603140544T	03/15/06	11:18	1		1.25	90 - 110	
2603140547	03/15/06	11:31	1	.44400	0.44		
2603140551	03/15/06	11:45	1	1.3046	1.3		
2603140582_1/5	03/15/06	11:58	5	0	ND		
2603140584_1/2	03/15/06	12:12	2	0	ND		
2603140556_1/5	03/15/06	12:26	5	0	ND		
2603140555_1/5	03/15/06	12:39	5	0	ND		
2603140554_1/5	03/15/06	12:53	5	0	ND		
2603140553_1/5	03/15/06	13:07	5	0	ND		
2603140557_1/5	03/15/06	13:20	5	0	ND		
MCV	03/15/06	13:34	1	2.0395	2.04	90-110	101%
CCB	03/15/06	13:47	1	0	ND		
			0	N/A	ND		

File ID: 031406AN

SO4

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	01/20/06	16:47	1	0	ND		
autocal2	01/20/06	17:02	1	.27921	ND		
autocal3	01/20/06	17:17	1	.50492	ND		
autocal4	01/20/06	17:31	1	.99013	ND		
autocal5	01/20/06	17:46	1	2.0076	2.0		
autocal6	01/20/06	18:00	1	4.0512	4.1		
autocal7	01/20/06	18:15	1	10.083	10		
autocal8	01/20/06	18:30	1	20.291	20		
autocal9	01/20/06	18:44	1	49.806	50		
autocal10	01/20/06	18:59	1	100.03	100		
autocal11	01/20/06	19:14	1	179.64	180		
HCV2	03/14/06	10:32	1	156.60	157	90-110	97.8%
HCV1	03/14/06	10:45	1	102.31	102	90-110	102%
MCV	03/14/06	10:59	1	40.477	40.5	90-110	101%
LOWRL	03/14/06	11:13	1	.26991	ND		
CLRL	03/14/06	11:26	1	1.0763	ND		
MBLANK	03/14/06	11:40	1	0	ND		
LCS	03/14/06	11:54	1	51.713	51.7	90-110	103%
LCSD	03/14/06	12:07	1	50.569	50.6	90-110	101%
2603140130	03/14/06	12:21	1	0	ND TV=25.0		
2603140130MS	03/14/06	12:35	1	25.870	25.9	[25.871] 103%	jkz
2603140130MSD	03/14/06	12:48	1	26.045	26	[26.045] 104%	05/12/06
2603140130T	03/14/06	12:48	1		25.00	90 - 110	
2603140131	03/14/06	13:02	1	1.8413	ND		
2603140436_1/5	03/14/06	13:15	5	854.03	850		
2603140472	03/14/06	13:29	1	.02615965	ND		
2603140109_1/20	03/14/06	13:43	20	1574.9	1600		
2603140567	03/14/06	13:56	1	.01856275	ND		
2603140563	03/14/06	14:10	1	0	ND		
2603140565	03/14/06	14:24	1	0	ND		
2603140564_1/2	03/14/06	14:37	2	46.302	46		
2603140560_1/2	03/14/06	14:51	2	46.181	46		
MCV	03/14/06	15:04	1	41.229	41.2	90-110	103%
CCB	03/14/06	15:18	1	0	ND		
2603140562	03/14/06	15:32	2	46.428	46 TV=25.0		
2603140562MS	03/14/06	15:45	2	97.504	97.5	[~~51.076~~ 25.5] 102%	jkz 05/12/06
2603140128	03/14/06	15:59	1	37.727	38		
2603140211_1/2	03/14/06	16:13	2	104.56	100		
2603080011_1/2	03/14/06	16:26	2	118.11	120		
2603140217	03/14/06	16:40	1	53.425	53		
2603140210_1/2	03/14/06	16:53	2	211.75	210		

File ID: 031406AN

SO4

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140219	03/14/06	17:07	1	43.465	43		
2603140208_1/2	03/14/06	17:21	2	213.57	210		
2603140218_1/2	03/14/06	17:34	2	143.80	140		
2603140224	03/14/06	17:48	1	67.413	67		
HCV2	03/14/06	18:02	1	157.17	157	90-110	98.2%
HCV1	03/14/06	18:15	1	100.59	101	90-110	100%
CCB	03/14/06	18:29	1	0	ND		
LOWRL	03/14/06	18:43	1	.30890	ND		
CLRL	03/14/06	18:56	1	1.1467	ND		
MBLANK	03/14/06	19:10	1	0	ND		
LCS	03/14/06	19:23	1	51.714	51.7	90-110	103%
LCSD	03/14/06	19:37	1	50.326	50.3	90-110	100%
2603140214	03/14/06	19:51	2	225.87	230 TV= 25.0 22.0		
2603140214MS	03/14/06	20:04	2	269.86	270 [~~43.987~~]		87.9 Q jkg
2603140214MSD	03/14/06	20:18	2	267.78	268 20.9 [~~41.904~~]		83.8 Q 05/12/06
2603140214T	03/14/06	20:18	2		50.00	90 - 110	
2603140226	03/14/06	20:32	1	57.924	58		
2603140227	03/14/06	20:45	1	57.395	57		
2603140215	03/14/06	20:59	1	11.388	11		
2603140213	03/14/06	21:13	1	20.340	20		
2603140212	03/14/06	21:26	1	36.260	36		
2603140225	03/14/06	21:40	1	42.718	43		
2603140223	03/14/06	21:53	1	24.507	25		
2603140491_1/2	03/14/06	22:07	2	40.049	40		
2603140490_1/2	03/14/06	22:21	2	41.130	41		
MCV	03/14/06	22:34	1	40.846	40.8	90-110	102%
CCB	03/14/06	22:48	1	0	ND		
2603140129	03/14/06	23:02	1	2.2048	2.2 TV= 25.0		
2603140129MS	03/14/06	23:15	1	28.140	28.1	[25.935] 103%	jkg 05/12/06
2603140466_1/2	03/14/06	23:29	2	46.823	47		
2603140467_1/2	03/14/06	23:42	2	47.180	47		
2603140468_1/2	03/14/06	23:56	2	44.072	44		
2603140469_1/2	03/15/06	00:10	2	12.354	12		
2603140470_1/2	03/15/06	00:23	2	10.423	10		
2603140434_1/2	03/15/06	00:37	2	34.459	34		
2603140435_1/2	03/15/06	00:51	2	33.265	33		
2603140189	03/15/06	01:04	1	0	ND		
2603140387	03/15/06	01:18	1	0	ND		
HCV2	03/15/06	01:31	1	153.66	154	90-110	96.0%
HCV1	03/15/06	01:45	1	100.75	101	90-110	100%
CCB	03/15/06	01:59	1	0	ND		

* original result value above calibration curve thus low Recovery of ms/msD. No effect on data because LCS/LCSD passed at 103%.

File ID: 031406AN

SO4

Sample ID	Date	Time	Dil	Raw	Rept.	Limit		Comment
LOWRL	03/15/06	02:12	1	.23387	ND			
CLRL	03/15/06	02:26	1	1.1189	ND			
MBLANK	03/15/06	02:40	1	0	ND			
LCS	03/15/06	02:53	1	51.424	51.4	90-110	102%	
LCSD	03/15/06	03:07	1	52.256	52.3	90-110	104%	
2603140185	03/15/06	03:21	1	25.864	26 TV=25.0			
2603140185MS	03/15/06	03:34	1	52.219	52.2	[26.355]	105%	jkg 05/12/06
2603140185MSD	03/15/06	03:48	1	52.263	52.3	[26.399]	105%	
2603140185T	03/15/06	03:48	1		25.00	90 - 110		
2603140388	03/15/06	04:01	1	0	ND			
2603140384_1/2	03/15/06	04:15	2	34.838	35			
2603140110_1/20	03/15/06	04:29	20	1778.5	1800			
2603140427_1/20	03/15/06	04:42	20	285.05	290			
2603140256_1/2	03/15/06	04:56	2	71.861	72			
2603140257_1/2	03/15/06	05:10	2	80.248	80			
2603140258_1/2	03/15/06	05:23	2	67.267	67			
2603140259_1/2	03/15/06	05:37	2	48.999	49			
2603140260_1/2	03/15/06	05:50	2	99.571	100			
MCV	03/15/06	06:04	1	41.605	41.6	90-110	104%	
CCB	03/15/06	06:18	1	0	ND			
2603140376	03/15/06	06:31	2	115.45	120 TV=25.0 22.8			
2603140376MS	03/15/06	06:45	2	161.10	161	[~~45.655~~]	91.3%	jkg 05/12/06
2603140377_1/2	03/15/06	06:59	2	133.79	130			
2603140178_1/2	03/15/06	07:12	2	67.796	68			
2603140177_1/2	03/15/06	07:26	2	69.447	69			
2603140181_1/2	03/15/06	07:39	2	68.554	69			
2603140180_1/2	03/15/06	07:53	2	72.384	72			
2603140179_1/2	03/15/06	08:07	2	68.188	68			
2603140169_1/2	03/15/06	08:20	2	71.915	72			
2603140176_1/2	03/15/06	08:34	2	71.184	71			
2603140187_1/2	03/15/06	08:48	2	66.819	67			
HCV2	03/15/06	09:01	1	156.59	157	90-110	97.8%	
HCV1	03/15/06	09:15	1	102.75	103	90-110	102%	
CCB	03/15/06	09:29	1	0	ND			
LOWRL	03/15/06	09:42	1	.25650	ND			
CLRL	03/15/06	09:56	1	1.0518	ND			
MBLANK	03/15/06	10:09	1	0	ND			
LCS	03/15/06	10:23	1	51.297	51.3	90-110	102%	
LCSD	03/15/06	10:37	1	52.525	52.5	90-110	105%	
2603140544	03/15/06	10:50	1	18.782	19 TV=25.0			
2603140544MS	03/15/06	11:04	1	44.584	44.6	[25.802]	103%	jkg 05/12/06

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SO4

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
					TV=25.0		
2603140544MSD	03/15/06	11:18	1	44.665	44.7	[25.883] 103%	jtg 05/12/06
2603140544T	03/15/06	11:18	1		25.00	90 - 110	
2603140547	03/15/06	11:31	1	6.9508	7.0		
2603140551	03/15/06	11:45	1	29.648	30		
2603140582_1/5	03/15/06	11:58	5	78.720	79		
2603140584_1/2	03/15/06	12:12	2	.20201	ND		
2603140556_1/5	03/15/06	12:26	5	78.284	78		
2603140555_1/5	03/15/06	12:39	5	17.602	18		
2603140554_1/5	03/15/06	12:53	5	2.0344	ND		
2603140553_1/5	03/15/06	13:07	5	.39213	ND		
2603140557_1/5	03/15/06	13:20	5	83.113	83		
MCV	03/15/06	13:34	1	42.701	42.7	90-110	106%
CCB	03/15/06	13:47	1	0	ND		
			0	N/A	ND		

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NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	01/20/06	16:47	1	0	ND		
autocal2	01/20/06	17:02	1	6.375823999999999D-02	.1		
autocal3	01/20/06	17:17	1	.10106	0.100		
autocal4	01/20/06	17:31	1	.20963	0.21		
autocal5	01/20/06	17:46	1	.41245	0.41		
autocal6	01/20/06	18:00	1	.83523	0.84		
autocal7	01/20/06	18:15	1	2.0995	2.1		
autocal8	01/20/06	18:30	1	4.2496	4.2		
autocal9	01/20/06	18:44	1	10.621	11		
autocal10	01/20/06	18:59	1	22.340	22		
autocal11	01/20/06	19:14	1	43.944	44		
HCV2	03/14/06	10:32	1	35.084	35.1	90-110	
HCV1	03/14/06	10:45	1	21.733	21.7	90-110	
MCV	03/14/06	10:59	1	9.1875	9.19	90-110	
LOWRL	03/14/06	11:13	1	.05276698	.1		
CLRL	03/14/06	11:26	1	.21948	0.22		
MBLANK	03/14/06	11:40	1	0	ND		
LCS	03/14/06	11:54	1	10.986	11	90-110	
LCSD	03/14/06	12:07	1	11.042	11	90-110	
2603140130	03/14/06	12:21	1	.05062384	.1		
2603140130MS	03/14/06	12:35	1	5.5238	5.52		
2603140130MSD	03/14/06	12:48	1	5.4642	5.46		
2603140131	03/14/06	13:02	1	.64788	0.65		
2603140436_1/5	03/14/06	13:15	5	3.1909	3.2		
2603140472	03/14/06	13:29	1	.03821228	0		
2603140109_1/20	03/14/06	13:43	20	2.1533	2.2		
2603140567	03/14/06	13:56	1	6.2402	6.2		
2603140563	03/14/06	14:10	1	7.2775	7.3		
2603140565	03/14/06	14:24	1	5.8384	5.8		
2603140564_1/2	03/14/06	14:37	2	33.808	34		
2603140560_1/2	03/14/06	14:51	2	33.777	34		
MCV	03/14/06	15:04	1	9.1492	9.15	90-110	
CCB	03/14/06	15:18	1	0	ND		
2603140562	03/14/06	15:32	2	33.866	34		
2603140562MS	03/14/06	15:45	2	42.085	42.1		
2603140128	03/14/06	15:59	1	.79676	0.80		
2603140211_1/2	03/14/06	16:13	2	7.5232	7.5		
2603080011_1/2	03/14/06	16:26	2	31.952	32		
2603140217	03/14/06	16:40	1	11.245	11		
2603140210_1/2	03/14/06	16:53	2	1.8543	1.9		

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NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140219	03/14/06	17:07	1	5.6551	5.7		
2603140208_1/2	03/14/06	17:21	2	1.8785	1.9		
2603140218_1/2	03/14/06	17:34	2	3.6780	3.7		
2603140224	03/14/06	17:48	1	10.609	11		
HCV2	03/14/06	18:02	1	34.525	34.5	90-110	
HCV1	03/14/06	18:15	1	21.773	21.8	90-110	
CCB	03/14/06	18:29	1	0	ND		
LOWRL	03/14/06	18:43	1	.06097354	.1		
CLRL	03/14/06	18:56	1	.22102	0.22		
MBLANK	03/14/06	19:10	1	0	ND		
LCS	03/14/06	19:23	1	11.151	11.2	90-110	
LCSD	03/14/06	19:37	1	11.030	11	90-110	
2603140214	03/14/06	19:51	2	11.752	12		
2603140214MS	03/14/06	20:04	2	22.472	22.5		
2603140214MSD	03/14/06	20:18	2	22.324	22.3		
2603140226	03/14/06	20:32	1	9.6901	9.7		
2603140227	03/14/06	20:45	1	4.6683	4.7		
2603140215	03/14/06	20:59	1	8.3695	8.4		
2603140213	03/14/06	21:13	1	7.2906	7.3		
2603140212	03/14/06	21:26	1	6.6465	6.6		
2603140225	03/14/06	21:40	1	6.2104	6.2		
2603140223	03/14/06	21:53	1	4.5776	4.6		
2603140491_1/2	03/14/06	22:07	2	17.760	18		
2603140490_1/2	03/14/06	22:21	2	17.375	17		
MCV	03/14/06	22:34	1	9.1666	9.17	90-110	
CCB	03/14/06	22:48	1	0	ND		
2603140129	03/14/06	23:02	1	.76336	0.76		
2603140129MS	03/14/06	23:15	1	5.9512	5.95		
2603140466_1/2	03/14/06	23:29	2	5.8707	5.9		
2603140467_1/2	03/14/06	23:42	2	5.5571	5.6		
2603140468_1/2	03/14/06	23:56	2	15.711	16		
2603140469_1/2	03/15/06	00:10	2	17.258	17		
2603140470_1/2	03/15/06	00:23	2	10.677	11		
2603140434_1/2	03/15/06	00:37	2	13.617	14		
2603140435_1/2	03/15/06	00:51	2	13.745	14		
2603140189	03/15/06	01:04	1	0	ND		
2603140387	03/15/06	01:18	1	.16831	0.17		
HCV2	03/15/06	01:31	1	35.268	35.3	90-110	
HCV1	03/15/06	01:45	1	21.549	21.5	90-110	
CCB	03/15/06	01:59	1	0	ND		

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NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
LOWRL	03/15/06	02:12	1	.06075174	.1		
CLRL	03/15/06	02:26	1	.24704	0.25		
MBLANK	03/15/06	02:40	1	0	ND		
LCS	03/15/06	02:53	1	10.695	10.7	90-110	
LCSD	03/15/06	03:07	1	10.638	10.6	90-110	
2603140185	03/15/06	03:21	1	18.508	19		
2603140185MS	03/15/06	03:34	1	24.756	24.8		
2603140185MSD	03/15/06	03:48	1	24.758	24.8		
2603140388	03/15/06	04:01	1	.13393	0.13		
2603140384_1/2	03/15/06	04:15	2	19.211	19		
2603140110_1/20	03/15/06	04:29	20	276.97	280		
2603140427_1/20	03/15/06	04:42	20	2.5230	2.5		
2603140256_1/2	03/15/06	04:56	2	24.968	25		
2603140257_1/2	03/15/06	05:10	2	21.007	21		
2603140258_1/2	03/15/06	05:23	2	27.869	28		
2603140259_1/2	03/15/06	05:37	2	36.787	37		
2603140260_1/2	03/15/06	05:50	2	43.323	43		
MCV	03/15/06	06:04	1	9.0288	9.03	90-110	
CCB	03/15/06	06:18	1	0	ND		
2603140376	03/15/06	06:31	2	37.760	38		
2603140376MS	03/15/06	06:45	2	47.773	47.8		
2603140377_1/2	03/15/06	06:59	2	34.833	35		
2603140178_1/2	03/15/06	07:12	2	24.024	24		
2603140177_1/2	03/15/06	07:26	2	24.279	24		
2603140181_1/2	03/15/06	07:39	2	24.180	24		
2603140180_1/2	03/15/06	07:53	2	25.136	25		
2603140179_1/2	03/15/06	08:07	2	24.187	24		
2603140169_1/2	03/15/06	08:20	2	24.994	25		
2603140176_1/2	03/15/06	08:34	2	24.812	25		
2603140187_1/2	03/15/06	08:48	2	23.943	24		
HCV2	03/15/06	09:01	1	34.608	34.6	90-110	
HCV1	03/15/06	09:15	1	22.330	22.3	90-110	
CCB	03/15/06	09:29	1	0	ND		
LOWRL	03/15/06	09:42	1	.06888	0.069		
CLRL	03/15/06	09:56	1	.20358	0.20		
MBLANK	03/15/06	10:09	1	0	ND		
LCS	03/15/06	10:23	1	11.145	11.1	90-110	
LCSD	03/15/06	10:37	1	11.250	11.3	90-110	
2603140544	03/15/06	10:50	1	3.5010	3.5		
2603140544MS	03/15/06	11:04	1	8.8852	8.89		

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NO3A

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603140544MSD	03/15/06	11:18	1	8.9587	8.96		
2603140547	03/15/06	11:31	1	1.9536	2.0		
2603140551	03/15/06	11:45	1	5.7405	5.7		
2603140582_1/5	03/15/06	11:58	5	0	ND		
2603140584_1/2	03/15/06	12:12	2	0	ND		
2603140556_1/5	03/15/06	12:26	5	0	ND		
2603140555_1/5	03/15/06	12:39	5	0	ND		
2603140554_1/5	03/15/06	12:53	5	0	ND		
2603140553_1/5	03/15/06	13:07	5	0	ND		
2603140557_1/5	03/15/06	13:20	5	0	ND		
MCV	03/15/06	13:34	1	8.9742	8.97	90-110	
CCB	03/15/06	13:47	1	0	ND		
			0	N/A	ND		

&l1O

Landscape Summary File ID: 031406AN Date: 01/20/06 Analyst: n

Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
autocal1	16:47	0.0000	0.0000	0.0000	0.0000	0.0000
autocal2	17:02	0.1764	0.0262	0.0145	0.2792	0.0638
autocal3	17:17	0.2850	0.0321	0.0230	0.5049	0.1011
autocal4	17:31	0.4983	0.0570	0.0476	0.9901	0.2096
autocal5	17:46	0.9473	0.1039	0.0937	2.008	0.4125
autocal6	18:00	1.876	0.1956	0.1898	4.051	0.8352
autocal7	18:15	4.727	0.4702	0.4772	10.08	2.100
autocal8	18:30	9.902	0.9494	0.9658	20.29	4.250
autocal9	18:44	25.15	2.450	2.414	49.81	10.62
autocal10	18:59	49.97	5.058	5.077	100.0	22.34
autocal11	19:14	87.62	9.990	9.987	179.6	43.94
HCV2	10:32	76.9/80	7.82	7.97	157	35.1
HCV1	10:45	51.2/50	5.07	4.94	102	21.7
MCV	10:59	21.4/20	1.94	2.09	40.5	9.19
LOWRL	11:13	0.1282	0.0125	0.0120	0.2699	0.0528
CLRL	11:26	0.5325	0.0555	0.0499	1.076	0.2195
MBLANK	11:40	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	11:54	26.1/25	0.978	2.50	51.7	11.0
LCSD	12:07	25.8/25	0.916	2.51	50.6	11.0
2603140130	12:21	0.0750	0.0000	0.0115	0.0000	0.0506
2603140130MS	12:35	12.93	0.5229	1.255	25.87	5.524
2603140130MSD	12:48	13.03	0.5018	1.242	26.05	5.464
2603140131	13:02	2.345	0.0000	0.1472	1.841	0.6479
2603140436_1/5	13:15	120.9	0.0000	0.7252	854.0	3.191
2603140472	13:29	0.0421	0.0000	0.0087	0.0262	0.0382
2603140109_1/20	13:43	%1855.8	0.0000	0.4894	%1575.0	2.153
2603140567	13:56	116.1	0.0000	1.418	0.0186	6.240
2603140563	14:10	112.5	0.0000	1.654	0.0000	7.278
2603140565	14:24	114.0	0.0000	1.327	0.0000	5.838
2603140564_1/2	14:37	54.33	0.0000	7.684	46.30	33.81
2603140560_1/2	14:51	31.88	0.0000	7.677	46.18	33.78
MCV	15:04	21.6/20	2.04	2.08	41.2	9.15
CCB	15:18	0.0000	0.0000	0.0000	0.0000	0.0000
2603140562	15:32	54.30	0.0000	7.697	46.43	33.87
2603140562MS	15:45	78.65	1.053	9.565	97.50	42.09
2603140128	15:59	5.400	0.0142	0.1811	37.73	0.7968
2603140211_1/2	16:13	11.63	0.0297	1.710	104.6	7.523
2603080011_1/2	16:26	26.24	0.0000	7.262	118.1	31.95
2603140217	16:40	22.07	0.0000	2.556	53.43	11.25
2603140210_1/2	16:53	46.13	0.0000	0.4214	211.8	1.854
2603140219	17:07	6.985	0.0000	1.285	43.47	5.655
2603140208_1/2	17:21	46.89	0.0000	0.4269	213.6	1.879
2603140218_1/2	17:34	12.81	0.0000	0.8359	143.8	3.678
2603140224	17:48	21.39	0.0000	2.411	67.41	10.61
HCV2	18:02	76.6/80	8.00	7.85	157	34.5
HCV1	18:15	51.0/50	4.89	4.95	101	21.8
CCB	18:29	0.0000	0.0000	0.0000	0.0000	0.0000
LOWRL	18:43	0.1261	0.0127	0.0139	0.3089	0.0610
CLRL	18:56	0.5124	0.0463	0.0502	1.147	0.2210

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Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
MBLANK	19:10	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	19:23	26.3/25	0.997	2.53	51.7	11.2
LCSD	19:37	26.1/25	1.00	2.51	50.3	11.0
2603140214	19:51	34.25	0.0000	2.671	225.9	11.75
2603140214MS	20:04	59.53	0.9370	5.107	269.9	22.47
2603140214MSD	20:18	59.98	1.037	5.074	267.8	22.32
2603140226	20:32	19.07	0.0000	2.202	57.92	9.690
2603140227	20:45	16.44	0.0000	1.061	57.40	4.668
2603140215	20:59	14.88	0.0000	1.902	11.39	8.370
2603140213	21:13	7.773	0.0000	1.657	20.34	7.291
2603140212	21:26	12.74	0.0000	1.511	36.26	6.647
2603140225	21:40	11.28	0.0000	1.411	42.72	6.210
2603140223	21:53	9.564	0.0000	1.040	24.51	4.578
2603140491_1/2	22:07	17.36	0.0000	4.037	40.05	17.76
2603140490_1/2	22:21	18.06	0.0000	3.949	41.13	17.38
MCV	22:34	21.4/20	2.04	2.08	40.8	9.17
CCB	22:48	0.0000	0.0000	0.0000	0.0000	0.0000
2603140129	23:02	2.787	0.0000	0.1735	2.205	0.7634
2603140129MS	23:15	15.87	0.4970	1.353	28.14	5.951
2603140466_1/2	23:29	48.37	0.0000	1.334	46.82	5.871
2603140467_1/2	23:42	47.61	0.0000	1.263	47.18	5.557
2603140468_1/2	23:56	40.68	0.0000	3.571	44.07	15.71
2603140469_1/2	00:10	86.55	0.0000	3.922	12.35	17.26
2603140470_1/2	00:23	95.07	0.0000	2.427	10.42	10.68
2603140434_1/2	00:37	23.88	0.0000	3.095	34.46	13.62
2603140435_1/2	00:51	24.34	0.0000	3.124	33.27	13.75
2603140189	01:04	0.0227	0.0000	0.0000	0.0000	0.0000
2603140387	01:18	119.4	0.0000	0.0383	0.0000	0.1683
HCV2	01:31	76.6/80	7.84	8.02	154	35.3
HCV1	01:45	51.4/50	4.94	4.90	101	21.5
CCB	01:59	0.0000	0.0000	0.0000	0.0000	0.0000
LOWRL	02:12	0.1387	0.0129	0.0138	0.2339	0.0608
CLRL	02:26	0.5065	0.0476	0.0561	1.119	0.2470
MBLANK	02:40	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	02:53	26.0/25	0.981	2.43	51.4	10.7
LCSD	03:07	26.2/25	0.968	2.42	52.3	10.6
2603140185	03:21	12.60	0.0997	4.206	25.86	18.51
2603140185MS	03:34	26.21	0.5943	5.627	52.22	24.76
2603140185MSD	03:48	26.04	0.5495	5.627	52.26	24.76
2603140388	04:01	121.1	0.0000	0.0304	0.0000	0.1339
2603140384_1/2	04:15	18.43	0.0000	4.366	34.84	19.21
2603140110_1/20	04:29	%1711.5	0.0000	62.95	%1778.6	277.0
2603140427_1/20	04:42	89.33	0.0000	0.5734	285.1	2.523
2603140256_1/2	04:56	33.94	0.0000	5.675	71.86	24.97
2603140257_1/2	05:10	23.03	0.0362	4.775	80.25	21.01
2603140258_1/2	05:23	51.26	0.0000	6.334	67.27	27.87
2603140259_1/2	05:37	15.50	0.0000	8.361	49.00	36.79
2603140260_1/2	05:50	70.85	0.0000	9.846	99.57	43.32
MCV	06:04	21.3/20	2.06	2.05	41.6	9.03
CCB	06:18	0.0000	0.0000	0.0000	0.0000	0.0000

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Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
2603140376	06:31	31.99	0.0000	8.582	115.5	37.76
2603140376MS	06:45	58.31	1.053	10.86	161.1	47.77
2603140377_1/2	06:59	37.75	0.0000	7.917	133.8	34.83
2603140178_1/2	07:12	30.99	0.0000	5.460	67.80	24.02
2603140177_1/2	07:26	31.71	0.0000	5.518	69.45	24.28
2603140181_1/2	07:39	31.76	0.0000	5.496	68.55	24.18
2603140180_1/2	07:53	33.87	0.0000	5.713	72.38	25.14
2603140179_1/2	08:07	31.52	0.0000	5.497	68.19	24.19
2603140169_1/2	08:20	33.01	0.0000	5.681	71.92	24.99
2603140176_1/2	08:34	33.09	0.0000	5.639	71.18	24.81
2603140187_1/2	08:48	30.87	0.0000	5.442	66.82	23.94
HCV2	09:01	76.8/80	8.03	7.87	157	34.6
HCV1	09:15	51.3/50	5.06	5.08	103	22.3
CCB	09:29	0.0000	0.0000	0.0000	0.0000	0.0000
LOWRL	09:42	0.1268	0.0127	0.0157	0.2565	0.0689
CLRL	09:56	0.4882	0.0598	0.0463	1.052	0.2036
MBLANK	10:09	0.0000	0.0000	0.0000	0.0000	0.0000
LCS	10:23	26.3/25	1.02	2.53	51.3	11.1
LCSD	10:37	26.6/25	1.07	2.56	52.5	11.3
2603140544	10:50	13.85	0.0705	0.7957	18.78	3.501
2603140544MS	11:04	26.83	0.5506	2.019	44.58	8.885
2603140544MSD	11:18	27.15	0.6022	2.036	44.67	8.959
2603140547	11:31	8.977	0.0433	0.4440	6.951	1.954
2603140551	11:45	54.15	0.2389	1.305	29.65	5.741
2603140582_1/5	11:58	65.08	0.0000	0.0000	78.72	0.0000
2603140584_1/2	12:12	20.58	0.0000	0.0000	0.2020	0.0000
2603140556_1/5	12:26	64.96	0.0000	0.0000	78.28	0.0000
2603140555_1/5	12:39	64.53	0.0000	0.0000	17.60	0.0000
2603140554_1/5	12:53	138.7	0.0000	0.0000	2.034	0.0000
2603140553_1/5	13:07	69.80	0.0000	0.0000	0.3921	0.0000
2603140557_1/5	13:20	67.57	0.0000	0.0000	83.11	0.0000
MCV	13:34	21.2/20	2.05	2.04	42.7	8.97
CCB	13:47	0.0000	0.0000	0.0000	0.0000	0.0000
		N/A	N/A	N/A	N/A	N/A

SUMMARY SHEET

File ID: 031506AN
Date Started: 01/20/06
Analyst ID: njp

njp 5/12/06

SAMPLE ID

autocal1	(16:47)	autocal2	(17:02)	autocal3	(17:17)
autocal4	(17:31)	autocal5	(17:46)	autocal6	(18:00)
autocal7	(18:15)	autocal8	(18:30)	autocal9	(18:44)
autocal10	(18:59)	autocal11	(19:14)	LOWRL	(14:42)
CLRL	(14:56)	2603150222	(15:50)	2603150217	(16:31)
2603150218	(16:45)	2603150223	(16:58)	2603150201	(17:12)
2603150220	(17:26)	2603150207	(17:39)	2603150221	(17:53)
2603150202	(18:06)	2603150213	(18:20)	2603150215	(19:01)
2603150208	(19:28)	2603150205	(19:42)	2603150209	(19:55)
2603150210	(20:09)	2603150211	(20:23)	2603150204	(20:36)
2603150212_1	(20:50)	2603150203_1	(21:04)	2603150219_1	(21:17)
LOWRL	(22:12)	CLRL	(22:25)	2603150020	(23:20)
2603150019_1	(00:01)	2603150018_1	(00:14)	2603140167_1	(00:28)
2603140183_1	(00:42)	2603140175	(00:55)	2603140172	(01:09)
2603150177_1	(01:23)	2603150176_1	(01:36)	2603150178_1	(01:50)
2603150079	(02:31)	2603150079	(02:58)	2603140117_1	(03:12)

Landscape Summary File ID: 031506AN Date: 01/20/06 Analyst: n

Sample ID	Time	CL	NO2-N	NO3	SO4	NO3A
		N/A	N/A	N/A	N/A	N/A

No.,	Sample Name,	Time,	Dil.Fac.,	Amount, CL, ECD_1,	Amount, NO2-N, ECD_1,	Amount, NO3, ECD_1,	Amount, SO4, ECD_1,
1,	autocal1,	01/20/06 16:47,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
2,	autocal2,	01/20/06 17:02,	1.0,	0.176378,	0.02624682,	0.01449051,	0.27921946,
3,	autocal3,	01/20/06 17:17,	1.0,	0.285035,	0.03214114,	0.02297037,	0.50492338,
4,	autocal4,	01/20/06 17:31,	1.0,	0.498292,	0.0569567,	0.04764457,	0.99013386,
5,	autocal5,	01/20/06 17:46,	1.0,	0.947325,	0.10385086,	0.09373955,	2.00763584,
6,	autocal6,	01/20/06 18:00,	1.0,	1.8761,	0.19556429,	0.18982608,	4.0512019,
7,	autocal7,	01/20/06 18:15,	1.0,	4.727489,	0.47018482,	0.47718137,	10.0830482,
8,	autocal8,	01/20/06 18:30,	1.0,	9.90214,	0.94937882,	0.9658301,	20.2910556,
9,	autocal9,	01/20/06 18:44,	1.0,	25.15089,	2.4496538,	2.41389627,	49.8064317,
10,	autocal10,	01/20/06 18:59,	1.0,	49.97408,	5.05803182,	5.07748594,	100.030781,
11,	autocal11,	01/20/06 19:14,	1.0,	87.61863,	9.98993495,	9.98735478,	179.647015,
12,	HCV2,	03/14/06 10:32,	1.0,	76.88861,	7.8171817,	7.97369804,	156.604538,
13,	HCV1,	03/14/06 10:45,	1.0,	51.21963,	5.07007494,	4.93951343,	102.316299,
14,	MCV,	03/14/06 10:59,	1.0,	21.44831,	1.94263126,	2.0880872,	40.4774525,
15,	LOWRL,	03/14/06 11:13,	1.0,	0.128152,	0.01251003,	0.0119925,	0.26991605,
16,	CLRL,	03/14/06 11:26,	1.0,	0.532509,	0.05547399,	0.04988208,	1.07633426,
17,	MBLANK,	03/14/06 11:40,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
18,	LCS,	03/14/06 11:54,	1.0,	26.09351,	0.97789929,	2.49692162,	51.7131097,
19,	LCSD,	03/14/06 12:07,	1.0,	25.77804,	0.91626876,	2.50965834,	50.5699025,
20,	2603140130,	03/14/06 12:21,	1.0,	0.075025,	n.a.,	0.01150542,	n.a.,
21,	2603140130MS,	03/14/06 12:35,	1.0,	12.92732,	0.52291962,	1.25541128,	25.8708546,
22,	2603140130MSD,	03/14/06 12:48,	1.0,	13.0313,	0.50184926,	1.24188595,	26.0451694,
23,	2603140131,	03/14/06 13:02,	1.0,	2.345181,	n.a.,	0.14724731,	1.8413251,
24,	2603140436_1/5,	03/14/06 13:15,	5.0,	120.9024,	n.a.,	0.72520757,	854.035432,
25,	2603140472,	03/14/06 13:29,	1.0,	0.042065,	n.a.,	0.00868461,	0.02615965,
26,	2603140109_1/20,	03/14/06 13:43,	20.0,	1855.8,	n.a.,	0.48939924,	1574.99588,
27,	2603140567,	03/14/06 13:56,	1.0,	116.0846,	n.a.,	1.41824455,	0.01856275,
28,	2603140563,	03/14/06 14:10,	1.0,	112.4939,	n.a.,	1.65398836,	n.a.,
29,	2603140565,	03/14/06 14:24,	1.0,	113.9932,	n.a.,	1.32691201,	n.a.,
30,	2603140564_1/2,	03/14/06 14:37,	2.0,	54.33016,	n.a.,	7.68377169,	46.3020358,
31,	2603140560_1/2,	03/14/06 14:51,	2.0,	31.88342,	n.a.,	7.67667889,	46.1812577,
32,	MCV,	03/14/06 15:04,	1.0,	21.58544,	2.03677565,	2.07937018,	41.2296866,
33,	CCB,	03/14/06 15:18,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
34,	2603140562,	03/14/06 15:32,	2.0,	54.30278,	n.a.,	7.69687789,	46.428524,
35,	2603140562MS,	03/14/06 15:45,	2.0,	78.64673,	1.05344247,	9.56499332,	97.5040636,
36,	2603140128,	03/14/06 15:59,	1.0,	5.399614,	0.01417183,	0.18108301,	37.7276993,
37,	2603140211_1/2,	03/14/06 16:13,	2.0,	11.62673,	0.02967499,	1.70982311,	104.567105,
38,	2603080011_1/2,	03/14/06 16:26,	2.0,	26.24288,	n.a.,	7.26185231,	118.116783,
39,	2603140217,	03/14/06 16:40,	1.0,	22.06916,	n.a.,	2.55582694,	53.4250857,
40,	2603140210_1/2,	03/14/06 16:53,	2.0,	46.1305,	n.a.,	0.42144026,	211.756494,
41,	2603140219,	03/14/06 17:07,	1.0,	6.985063,	n.a.,	1.28526047,	43.4653538,
42,	2603140208_1/2,	03/14/06 17:21,	2.0,	46.88959,	n.a.,	0.42694355,	213.574,
43,	2603140218_1/2,	03/14/06 17:34,	2.0,	12.80974,	n.a.,	0.83592938,	143.802112,
44,	2603140224,	03/14/06 17:48,	1.0,	21.3933,	n.a.,	2.41134295,	67.41324,

45,	HCV2,	03/14/06 18:02,	1.0,	76.58768,	7.99583957,	7.84678664,	157.170198,
46,	HCV1,	03/14/06 18:15,	1.0,	50.95447,	4.88626463,	4.94855316,	100.591233,
47,	CCB,	03/14/06 18:29,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
48,	LOWRL,	03/14/06 18:43,	1.0,	0.126094,	0.01273748,	0.01385762,	0.30890532,
49,	CLRL,	03/14/06 18:56,	1.0,	0.512438,	0.04630649,	0.05023208,	1.14672279,
50,	MBLANK,	03/14/06 19:10,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
51,	LCS,	03/14/06 19:23,	1.0,	26.30847,	0.99687317,	2.53433869,	51.7148852,
52,	LCSD,	03/14/06 19:37,	1.0,	26.11096,	1.00100878,	2.50696483,	50.3261605,
53,	2603140214,	03/14/06 19:51,	2.0,	34.24981,	n.a.,	2.67104032,	225.879321,
54,	2603140214MS,	03/14/06 20:04,	2.0,	59.52551,	0.93698738,	5.10742207,	269.86577,
55,	2603140214MSD,	03/14/06 20:18,	2.0,	59.98132,	1.03675419,	5.07380077,	267.782772,
56,	2603140226,	03/14/06 20:32,	1.0,	19.07136,	n.a.,	2.20230954,	57.924726,
57,	2603140227,	03/14/06 20:45,	1.0,	16.43954,	n.a.,	1.0609824,	57.3959549,
58,	2603140215,	03/14/06 20:59,	1.0,	14.87761,	n.a.,	1.90217704,	11.3886248,
59,	2603140213,	03/14/06 21:13,	1.0,	7.773454,	n.a.,	1.65697269,	20.3402321,
60,	2603140212,	03/14/06 21:26,	1.0,	12.73706,	n.a.,	1.51057696,	36.2600241,
61,	2603140225,	03/14/06 21:40,	1.0,	11.28451,	n.a.,	1.41146411,	42.7182695,
62,	2603140223,	03/14/06 21:53,	1.0,	9.564032,	n.a.,	1.0403776,	24.5075548,
63,	2603140491_1/2,	03/14/06 22:07,	2.0,	17.35562,	n.a.,	4.03657418,	40.0494804,
64,	2603140490_1/2,	03/14/06 22:21,	2.0,	18.05631,	n.a.,	3.94890571,	41.1303134,
65,	MCV,	03/14/06 22:34,	1.0,	21.40015,	2.03791348,	2.08332093,	40.8465797,
66,	CCB,	03/14/06 22:48,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
67,	2603140129,	03/14/06 23:02,	1.0,	2.786583,	n.a.,	0.17349187,	2.20482086,
68,	2603140129MS,	03/14/06 23:15,	1.0,	15.86502,	0.49696901,	1.35254576,	28.1403245,
69,	2603140466_1/2,	03/14/06 23:29,	2.0,	48.37168,	n.a.,	1.33425771,	46.8239149,
70,	2603140467_1/2,	03/14/06 23:42,	2.0,	47.61402,	n.a.,	1.26297724,	47.180168,
71,	2603140468_1/2,	03/14/06 23:56,	2.0,	40.67545,	n.a.,	3.57084164,	44.0722713,
72,	2603140469_1/2,	03/15/06 00:10,	2.0,	86.54923,	n.a.,	3.92243182,	12.3541943,
73,	2603140470_1/2,	03/15/06 00:23,	2.0,	95.07486,	n.a.,	2.42668621,	10.4232193,
74,	2603140434_1/2,	03/15/06 00:37,	2.0,	23.87781,	n.a.,	3.09481449,	34.4597394,
75,	2603140435_1/2,	03/15/06 00:51,	2.0,	24.34322,	n.a.,	3.12392495,	33.2656889,
76,	2603140189,	03/15/06 01:04,	1.0,	0.022683,	n.a.,	n.a.,	n.a.,
77,	2603140387,	03/15/06 01:18,	1.0,	119.3783,	n.a.,	0.03825235,	n.a.,
78,	HCV2,	03/15/06 01:31,	1.0,	76.60165,	7.84357354,	8.01546602,	153.669292,
79,	HCV1,	03/15/06 01:45,	1.0,	51.36715,	4.94362834,	4.89756875,	100.754624,
80,	CCB,	03/15/06 01:59,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
81,	LOWRL,	03/15/06 02:12,	1.0,	0.138687,	0.0128533,	0.01380721,	0.23387116,
82,	CLRL,	03/15/06 02:26,	1.0,	0.50654,	0.04763961,	0.05614621,	1.11891215,
83,	MBLANK,	03/15/06 02:40,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
84,	LCS,	03/15/06 02:53,	1.0,	25.99433,	0.98087273,	2.43081522,	51.4249582,
85,	LCSD,	03/15/06 03:07,	1.0,	26.15763,	0.96840525,	2.41784754,	52.2561166,
86,	2603140185,	03/15/06 03:21,	1.0,	12.60427,	0.09966436,	4.20637471,	25.8645833,
87,	2603140185MS,	03/15/06 03:34,	1.0,	26.20646,	0.59433669,	5.5401769,	52.2198888,
88,	2603140185MSD,	03/15/06 03:48,	1.0,	26.03899,	0.54953613,	5.53625924,	52.2636984,
89,	2603140388,	03/15/06 04:01,	1.0,	121.0736,	n.a.,	0.03043952,	n.a.,
90,	2603140384_1/2,	03/15/06 04:15,	2.0,	18.42821,	n.a.,	4.3663495,	34.8380303,
91,	2603140110_1/20,	03/15/06 04:29,	20.0,	1711.549,	n.a.,	6.68853242,	1778.59286,
92,	2603140427_1/20,	03/15/06 04:42,	20.0,	89.32594,	n.a.,	0.57342388,	285.052858,

93,	2603140256_1/2,	03/15/06 04:56,	2.0,	33.94204,	n.a.,	5.67459806,	71.8611923,
94,	2603140257_1/2,	03/15/06 05:10,	2.0,	23.03092,	0.036169,	4.77450873,	80.2487026,
95,	2603140258_1/2,	03/15/06 05:23,	2.0,	51.26342,	n.a.,	6.3339096,	67.2678222,
96,	2603140259_1/2,	03/15/06 05:37,	2.0,	15.49804,	n.a.,	8.36085373,	48.9994112,
97,	2603140260_1/2,	03/15/06 05:50,	2.0,	70.85067,	n.a.,	9.84624846,	99.5718779,
98,	MCV,	03/15/06 06:04,	1.0,	21.27099,	2.06269677,	2.05201709,	41.6050912,
99,	CCB,	03/15/06 06:18,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
100,	2603140376,	03/15/06 06:31,	2.0,	31.98557,	n.a.,	8.58188488,	115.453535,
101,	2603140376MS,	03/15/06 06:45,	2.0,	58.3055,	1.05305208,	10.8575636,	161.108173,
102,	2603140377_1/2,	03/15/06 06:59,	2.0,	37.74902,	n.a.,	7.9166785,	133.799531,
103,	2603140178_1/2,	03/15/06 07:12,	2.0,	30.99081,	n.a.,	5.46009064,	67.7961342,
104,	2603140177_1/2,	03/15/06 07:26,	2.0,	31.70841,	n.a.,	5.51804093,	69.4476457,
105,	2603140181_1/2,	03/15/06 07:39,	2.0,	31.76329,	n.a.,	5.49551889,	68.5540081,
106,	2603140180_1/2,	03/15/06 07:53,	2.0,	33.86882,	n.a.,	5.71286706,	72.3848981,
107,	2603140179_1/2,	03/15/06 08:07,	2.0,	31.5243,	n.a.,	5.49708978,	68.1882526,
108,	2603140169_1/2,	03/15/06 08:20,	2.0,	33.00773,	n.a.,	5.68060637,	71.9151866,
109,	2603140176_1/2,	03/15/06 08:34,	2.0,	33.09445,	n.a.,	5.63930846,	71.184407,
110,	2603140187_1/2,	03/15/06 08:48,	2.0,	30.86549,	n.a.,	5.44160889,	66.8193822,
111,	HCV2,	03/15/06 09:01,	1.0,	76.82273,	8.02907457,	7.86558043,	156.597981,
112,	HCV1,	03/15/06 09:15,	1.0,	51.30326,	5.05863129,	5.07514997,	102.7563,
113,	CCB,	03/15/06 09:29,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
114,	LOWRL,	03/15/06 09:42,	1.0,	0.126758,	0.01273079,	0.01565486,	0.25650621,
115,	CLRL,	03/15/06 09:56,	1.0,	0.488232,	0.05982914,	0.04627021,	1.05181434,
116,	MBLANK,	03/15/06 10:09,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,
117,	LCS,	03/15/06 10:23,	1.0,	26.32289,	1.01684134,	2.53298258,	51.2972116,
118,	LCSD,	03/15/06 10:37,	1.0,	26.5803,	1.07232456,	2.55682486,	52.5254488,
119,	2603140544,	03/15/06 10:50,	1.0,	13.85428,	0.07047588,	0.79568936,	18.7824871,
120,	2603140544MS,	03/15/06 11:04,	1.0,	26.8339,	0.55060055,	2.01937414,	44.5840131,
121,	2603140544MSD,	03/15/06 11:18,	1.0,	27.1541,	0.60224506,	2.03607792,	44.6654245,
122,	2603140547,	03/15/06 11:31,	1.0,	8.976919,	0.04326257,	0.44400075,	6.95085919,
123,	2603140551,	03/15/06 11:45,	1.0,	54.15263,	0.23893865,	1.30466633,	29.6488212,
124,	2603140582_1/5,	03/15/06 11:58,	5.0,	65.07942,	n.a.,	n.a.,	78.7201949,
125,	2603140584_1/2,	03/15/06 12:12,	2.0,	20.5822,	n.a.,	n.a.,	0.20201408,
126,	2603140556_1/5,	03/15/06 12:26,	5.0,	64.96234,	n.a.,	n.a.,	78.2848124,
127,	2603140555_1/5,	03/15/06 12:39,	5.0,	64.53212,	n.a.,	n.a.,	17.6020461,
128,	2603140554_1/5,	03/15/06 12:53,	5.0,	138.7067,	n.a.,	n.a.,	2.03446134,
129,	2603140553_1/5,	03/15/06 13:07,	5.0,	69.80279,	n.a.,	n.a.,	0.39213475,
130,	2603140557_1/5,	03/15/06 13:20,	5.0,	67.56997,	n.a.,	n.a.,	83.113967,
131,	MCV,	03/15/06 13:34,	1.0,	21.20651,	2.04876248,	2.03959259,	42.7014225,
132,	CCB,	03/15/06 13:47,	1.0,	n.a.,	n.a.,	n.a.,	n.a.,

Amount,	njp

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Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Sample ID	Dil. Factor	Type	Program	Method	Status
1	autocal1		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
2	autocal2		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
3	autocal3		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
4	autocal4		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
5	autocal5		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
6	autocal6		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
7	autocal7		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
8	autocal8		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
9	autocal9		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
10	autocal10		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
11	autocal11		1.0000	Standard	IC#3-ANION TTL2	ANION-IC#3	Finished
12	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
13	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
14	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
15	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
16	CLRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
17	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
18	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
19	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
20	2603140130	RO	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
21	2603140130MS	RO	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
22	2603140130MSD	RO	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
23	2603140131	MEM	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
24	2603140436_1/5	TR-10A	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
25	2603140472	PUMP BLANK	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
26	2603140109_1/20	EFF	20.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
27	2603140567	SP 8	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
28	2603140563	SP 4A	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
29	2603140565	SP 4B	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
30	2603140564_1/2	SP 10	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
31	2603140560_1/2	SP 2A	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
32	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
33	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
34	2603140562	SP 9	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
35	2603140562MS	SP 9	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
36	2603140128	CONV	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
37	2603140211_1/2	L14198-03	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
38	2603080011_1/2	RERUN-SO4 ONLY	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
39	2603140217	L14131-05	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
40	2603140210_1/2	L14198-02	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
41	2603140219	L14131-12	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
42	2603140208_1/2	L14198-01	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Comment	Inj. Date/Time	*Analyst	*Operator
1	autocal1		1/20/2006 4:47:49 PM	njp	NJP
2	autocal2		1/20/2006 5:02:27 PM	njp	NJP
3	autocal3		1/20/2006 5:17:05 PM	njp	NJP
4	autocal4		1/20/2006 5:31:43 PM	njp	NJP
5	autocal5		1/20/2006 5:46:21 PM	njp	NJP
6	autocal6		1/20/2006 6:00:59 PM	njp	NJP
7	autocal7		1/20/2006 6:15:37 PM	njp	NJP
8	autocal8		1/20/2006 6:30:15 PM	njp	NJP
9	autocal9		1/20/2006 6:44:52 PM	njp	NJP
10	autocal10		1/20/2006 6:59:30 PM	njp	NJP
11	autocal11		1/20/2006 7:14:07 PM	njp	NJP
12	HCV2		3/14/2006 10:32:21 AM	njp	NJP
13	HCV1		3/14/2006 10:45:59 AM	njp	NJP
14	MCV		3/14/2006 10:59:37 AM	njp	NJP
15	LOWRL		3/14/2006 11:13:15 AM	njp	NJP
16	CLRL		3/14/2006 11:26:52 AM	njp	NJP
17	MBLANK		3/14/2006 11:40:30 AM	njp	NJP
18	LCS		3/14/2006 11:54:08 AM	njp	NJP
19	LCSD		3/14/2006 12:07:46 PM	njp	NJP
20	2603140130		3/14/2006 12:21:24 PM	NJP	NJP
21	2603140130MS		3/14/2006 12:35:01 PM	NJP	NJP
22	2603140130MSD		3/14/2006 12:48:39 PM	NJP	NJP
23	2603140131		3/14/2006 1:02:17 PM	NJP	NJP
24	2603140436_1/5		3/14/2006 1:15:55 PM	NJP	NJP
25	2603140472		3/14/2006 1:29:32 PM	NJP	NJP
26	2603140109_1/20		3/14/2006 1:43:10 PM	NJP	NJP
27	2603140567		3/14/2006 1:56:48 PM	NJP	NJP
28	2603140563		3/14/2006 2:10:26 PM	NJP	NJP
29	2603140565		3/14/2006 2:24:05 PM	NJP	NJP
30	2603140564_1/2		3/14/2006 2:37:42 PM	NJP	NJP
31	2603140560_1/2		3/14/2006 2:51:20 PM	NJP	NJP
32	MCV		3/14/2006 3:04:58 PM	NJP	NJP
33	CCB		3/14/2006 3:18:35 PM	NJP	NJP
34	2603140562		3/14/2006 3:32:13 PM	NJP	NJP
35	2603140562MS		3/14/2006 3:45:50 PM	NJP	NJP
36	2603140128		3/14/2006 3:59:28 PM	NJP	NJP
37	2603140211_1/2		3/14/2006 4:13:06 PM	NJP	NJP
38	2603080011_1/2		3/14/2006 4:26:45 PM	NJP	NJP
39	2603140217		3/14/2006 4:40:22 PM	NJP	NJP
40	2603140210_1/2		3/14/2006 4:53:59 PM	NJP	NJP
41	2603140219		3/14/2006 5:07:36 PM	NJP	NJP
42	2603140208_1/2		3/14/2006 5:21:15 PM	NJP	NJP

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Sample ID	Dil. Factor	Type	Program	Method	Status
43	2603140218_1/2	L14131-06	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
44	2603140224	L14123-04	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
45	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
46	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
47	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
48	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
49	CLRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
50	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
51	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
52	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
53	2603140214	L14197-03	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
54	2603140214MS	L14197-03	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
55	2603140214MSD	L14197-03	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
56	2603140226	L14123-10	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
57	2603140227	L14123-13	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
58	2603140215	L14197-04	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
59	2603140213	L14197-02	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
60	2603140212	L14197-01	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
61	2603140225	L14123-09	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
62	2603140223	L14123-01	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
63	2603140491_1/2	WILSON	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
64	2603140490_1/2	GARFIELD	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
65	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
66	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
67	2603140129	CITY	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
68	2603140129MS	CITY	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
69	2603140466_1/2	RES 3	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
70	2603140467_1/2	RES 4	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
71	2603140468_1/2	RES 5	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
72	2603140469_1/2	RES 7	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
73	2603140470_1/2	CD	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
74	2603140434_1/2	7	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
75	2603140435_1/2	CITY HALL	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
76	2603140189	031406	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
77	2603140387	SP 4	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
78	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
79	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
80	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
81	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
82	CLRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
83	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
84	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Comment	Inj. Date/Time	*Analyst	*Operator
43	2603140218_1/2		3/14/2006 5:34:53 PM	NJP	NJP
44	2603140224		3/14/2006 5:48:31 PM	NJP	NJP
45	HCV2		3/14/2006 6:02:09 PM	NJP	NJP
46	HCV1		3/14/2006 6:15:47 PM	NJP	NJP
47	CCB		3/14/2006 6:29:24 PM	NJP	NJP
48	LOWRL		3/14/2006 6:43:03 PM	NJP	NJP
49	CLRL		3/14/2006 6:56:41 PM	NJP	NJP
50	MBLANK		3/14/2006 7:10:19 PM	NJP	NJP
51	LCS		3/14/2006 7:23:57 PM	NJP	NJP
52	LCSD		3/14/2006 7:37:34 PM	NJP	NJP
53	2603140214		3/14/2006 7:51:12 PM	NJP	NJP
54	2603140214MS		3/14/2006 8:04:50 PM	NJP	NJP
55	2603140214MSD		3/14/2006 8:18:28 PM	NJP	NJP
56	2603140226		3/14/2006 8:32:06 PM	NJP	NJP
57	2603140227		3/14/2006 8:45:44 PM	NJP	NJP
58	2603140215		3/14/2006 8:59:22 PM	NJP	NJP
59	2603140213		3/14/2006 9:13:00 PM	NJP	NJP
60	2603140212		3/14/2006 9:26:37 PM	NJP	NJP
61	2603140225		3/14/2006 9:40:15 PM	NJP	NJP
62	2603140223		3/14/2006 9:53:52 PM	NJP	NJP
63	2603140491_1/2		3/14/2006 10:07:30 PM	NJP	NJP
64	2603140490_1/2		3/14/2006 10:21:08 PM	NJP	NJP
65	MCV		3/14/2006 10:34:46 PM	NJP	NJP
66	CCB		3/14/2006 10:48:24 PM	NJP	NJP
67	2603140129		3/14/2006 11:02:01 PM	NJP	NJP
68	2603140129MS		3/14/2006 11:15:39 PM	NJP	NJP
69	2603140466_1/2		3/14/2006 11:29:17 PM	NJP	NJP
70	2603140467_1/2		3/14/2006 11:42:55 PM	NJP	NJP
71	2603140468_1/2		3/14/2006 11:56:33 PM	NJP	NJP
72	2603140469_1/2		3/15/2006 12:10:10 AM	NJP	NJP
73	2603140470_1/2		3/15/2006 12:23:48 AM	NJP	NJP
74	2603140434_1/2		3/15/2006 12:37:25 AM	NJP	NJP
75	2603140435_1/2		3/15/2006 12:51:03 AM	NJP	NJP
76	2603140189		3/15/2006 1:04:41 AM	NJP	NJP
77	2603140387		3/15/2006 1:18:19 AM	NJP	NJP
78	HCV2		3/15/2006 1:31:57 AM	NJP	NJP
79	HCV1		3/15/2006 1:45:34 AM	NJP	NJP
80	CCB		3/15/2006 1:59:13 AM	NJP	NJP
81	LOWRL		3/15/2006 2:12:50 AM	NJP	NJP
82	CLRL		3/15/2006 2:26:28 AM	NJP	NJP
83	MBLANK		3/15/2006 2:40:07 AM	NJP	NJP
84	LCS		3/15/2006 2:53:44 AM	NJP	NJP

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Sample ID	Dil. Factor	Type	Program	Method	Status
85	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
86	2603140185	5028S	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
87	2603140185MS	5028S	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
88	2603140185MSD	5028S	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
89	2603140388	SP 6	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
90	2603140384_1/2	SP 1	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
91	2603140110_1/20	INFF	20.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
92	2603140427_1/20	STABALIZING WATERS	20.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
93	2603140256_1/2	7TH AND CHICAGO	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
94	2603140257_1/2	GAGE DELIVERY	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
95	2603140258_1/2	N. ORANGE	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
96	2603140259_1/2	GRAND TERRACE	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
97	2603140260_1/2	ELECTRIC ST.	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
98	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
99	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
100	2603140376	PERRIS HILL 5	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
101	2603140376MS	PERRIS HILL 5	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
102	2603140377_1/2	PERRIS HILL 4	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
103	2603140178_1/2	CAMPBELL	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
104	2603140177_1/2	ALESSASNDRO	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
105	2603140181_1/2	HEUSTIS	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
106	2603140180_1/2	ROSS	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
107	2603140179_1/2	UNIVERSITY	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
108	2603140169_1/2	ENTMAN	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
109	2603140176_1/2	PIEDMONT	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
110	2603140187_1/2	CREST	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
111	HCV2		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
112	HCV1		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
113	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
114	LOWRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
115	CLRL		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
116	MBLANK		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
117	LCS		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
118	LCSD		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
119	2603140544	SAN SEVAINE	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
120	2603140544MS	SAN SEVAINE	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
121	2603140544MSD	SAN SEVAINE	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
122	2603140547	W FONTANA	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
123	2603140551	CUCAMONGA	1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
124	2603140582_1/5	594002	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
125	2603140584_1/2	101741	2.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
126	2603140556_1/5	101779	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Comment	Inj. Date/Time	*Analyst	*Operator
85	LCSD		3/15/2006 3:07:22 AM	NJP	NJP
86	2603140185		3/15/2006 3:21:00 AM	NJP	NJP
87	2603140185MS		3/15/2006 3:34:38 AM	NJP	NJP
88	2603140185MSD		3/15/2006 3:48:16 AM	NJP	NJP
89	2603140388		3/15/2006 4:01:54 AM	NJP	NJP
90	2603140384_1/2		3/15/2006 4:15:31 AM	NJP	NJP
91	2603140110_1/20		3/15/2006 4:29:09 AM	NJP	NJP
92	2603140427_1/20		3/15/2006 4:42:46 AM	NJP	NJP
93	2603140256_1/2		3/15/2006 4:56:24 AM	NJP	NJP
94	2603140257_1/2		3/15/2006 5:10:02 AM	NJP	NJP
95	2603140258_1/2		3/15/2006 5:23:39 AM	NJP	NJP
96	2603140259_1/2		3/15/2006 5:37:17 AM	NJP	NJP
97	2603140260_1/2		3/15/2006 5:50:55 AM	NJP	NJP
98	MCV		3/15/2006 6:04:32 AM	NJP	NJP
99	CCB		3/15/2006 6:18:09 AM	NJP	NJP
100	2603140376		3/15/2006 6:31:47 AM	NJP	NJP
101	2603140376MS		3/15/2006 6:45:24 AM	NJP	NJP
102	2603140377_1/2		3/15/2006 6:59:02 AM	NJP	NJP
103	2603140178_1/2		3/15/2006 7:12:41 AM	NJP	NJP
104	2603140177_1/2		3/15/2006 7:26:19 AM	NJP	NJP
105	2603140181_1/2		3/15/2006 7:39:56 AM	NJP	NJP
106	2603140180_1/2		3/15/2006 7:53:34 AM	NJP	NJP
107	2603140179_1/2		3/15/2006 8:07:12 AM	NJP	NJP
108	2603140169_1/2		3/15/2006 8:20:50 AM	NJP	NJP
109	2603140176_1/2		3/15/2006 8:34:28 AM	NJP	NJP
110	2603140187_1/2		3/15/2006 8:48:05 AM	NJP	NJP
111	HCV2		3/15/2006 9:01:44 AM	NJP	NJP
112	HCV1		3/15/2006 9:15:22 AM	NJP	NJP
113	CCB		3/15/2006 9:29:00 AM	NJP	NJP
114	LOWRL		3/15/2006 9:42:37 AM	NJP	NJP
115	CLRL		3/15/2006 9:56:15 AM	NJP	NJP
116	MBLANK		3/15/2006 10:09:53 AM	NJP	NJP
117	LCS		3/15/2006 10:23:31 AM	NJP	NJP
118	LCSD		3/15/2006 10:37:09 AM	NJP	NJP
119	2603140544		3/15/2006 10:50:47 AM	NJP	NJP
120	2603140544MS		3/15/2006 11:04:23 AM	NJP	NJP
121	2603140544MSD		3/15/2006 11:18:01 AM	NJP	NJP
122	2603140547		3/15/2006 11:31:39 AM	NJP	NJP
123	2603140551		3/15/2006 11:45:16 AM	NJP	NJP
124	2603140582_1/5		3/15/2006 11:58:54 AM	NJP	NJP
125	2603140584_1/2		3/15/2006 12:12:32 PM	NJP	NJP
126	2603140556_1/5		3/15/2006 12:26:10 PM	NJP	NJP

Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Sample ID	Dil. Factor	Type	Program	Method	Status
127	2603140555_1/5	101778	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
128	2603140554_1/5	101776	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
129	2603140553_1/5	101777	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
130	2603140557_1/5	101780	5.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
131	MCV		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished
132	CCB		1.0000	Unknown	IC#3-ANION TTL2	ANION-IC#3	Finished

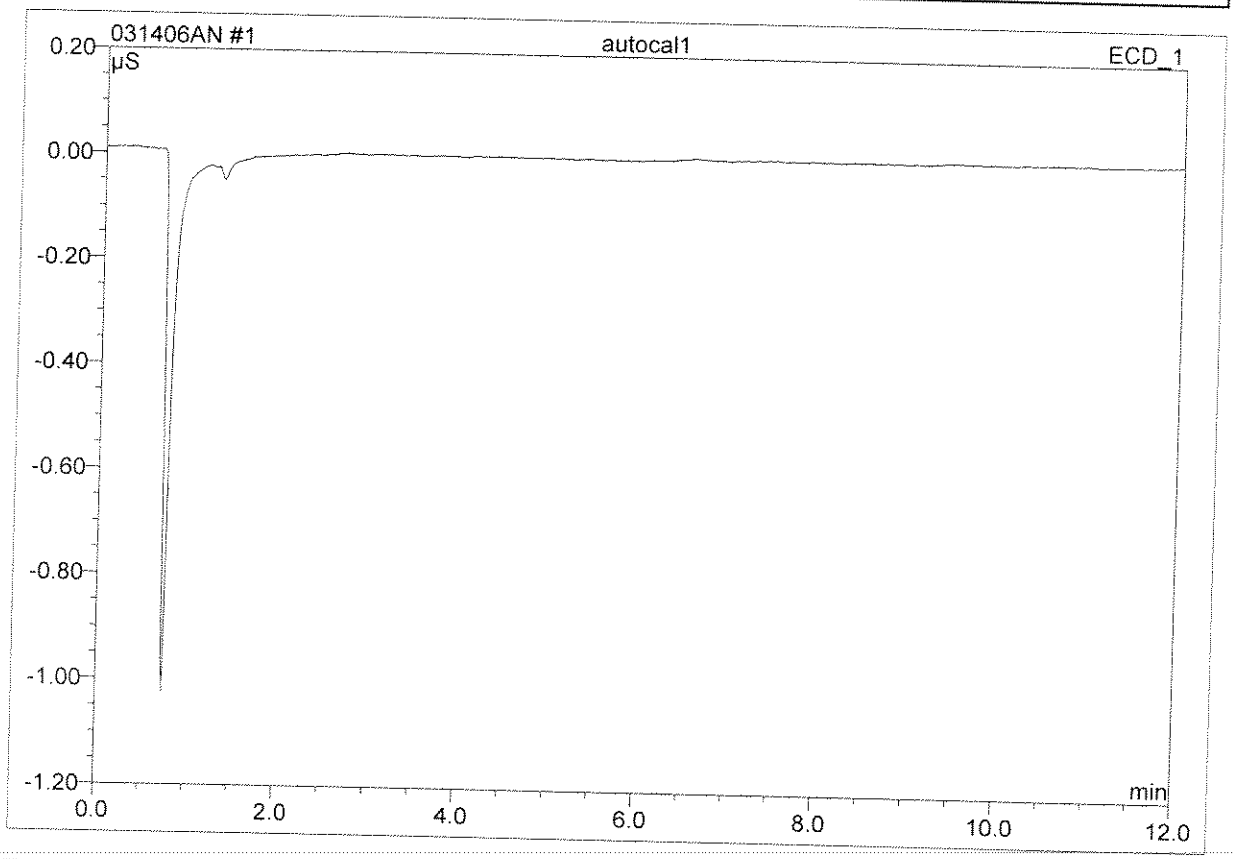
Title: Anion by EPA 300.0
Datasource: IC-SERVER-3_local
Location: 2006\Mar
Timebase: IC3
#Samples: 132

Created: 3/14/2006 10:22:07 AM by njp
Last Update: 3/15/2006 12:35:59 PM by njp

No.	Name	Comment	Inj. Date/Time	*Analyst	*Operator
127	2603140555_1/5		3/15/2006 12:39:48 PM	NJP	NJP
128	2603140554_1/5		3/15/2006 12:53:25 PM	NJP	NJP
129	2603140553_1/5		3/15/2006 1:07:03 PM	NJP	NJP
130	2603140557_1/5		3/15/2006 1:20:40 PM	NJP	NJP
131	MCV		3/15/2006 1:34:17 PM	NJP	NJP
132	CCB		3/15/2006 1:47:56 PM	NJP	NJP

1 autocal1

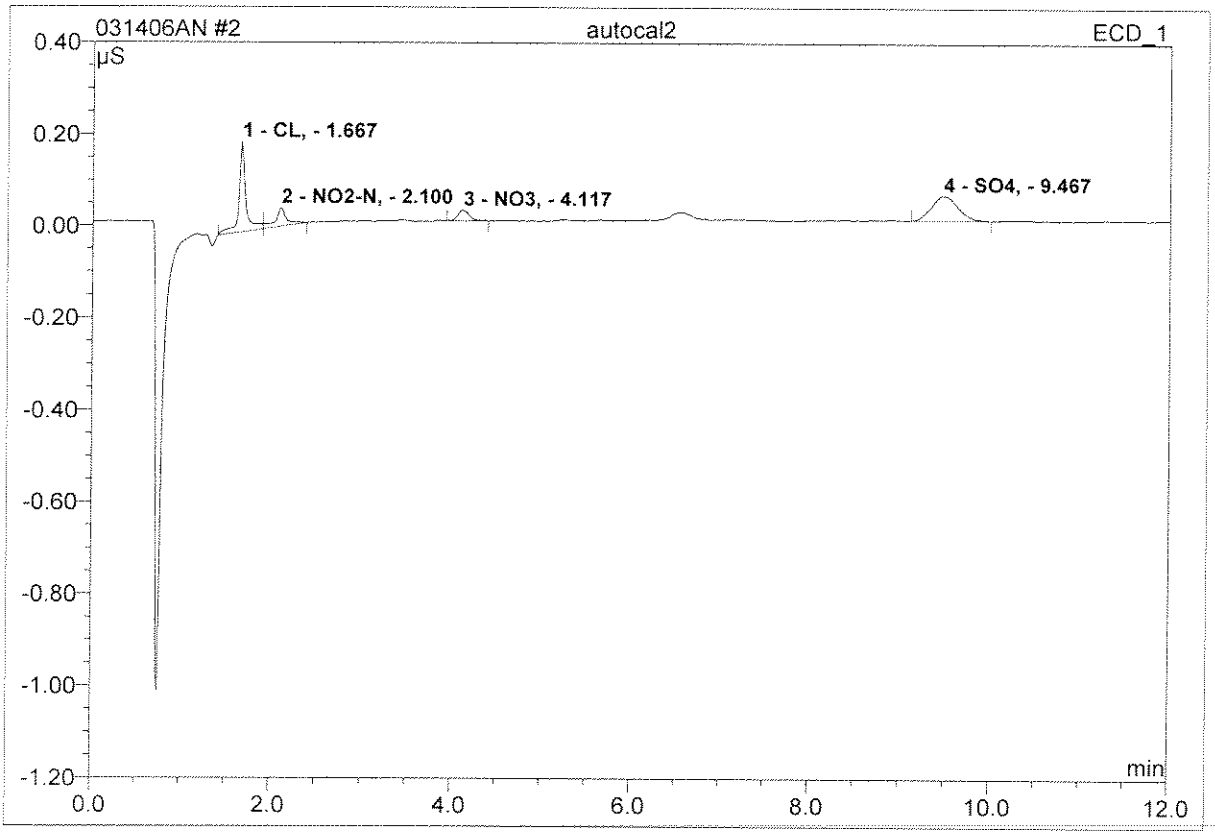
Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 16:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 autocal2

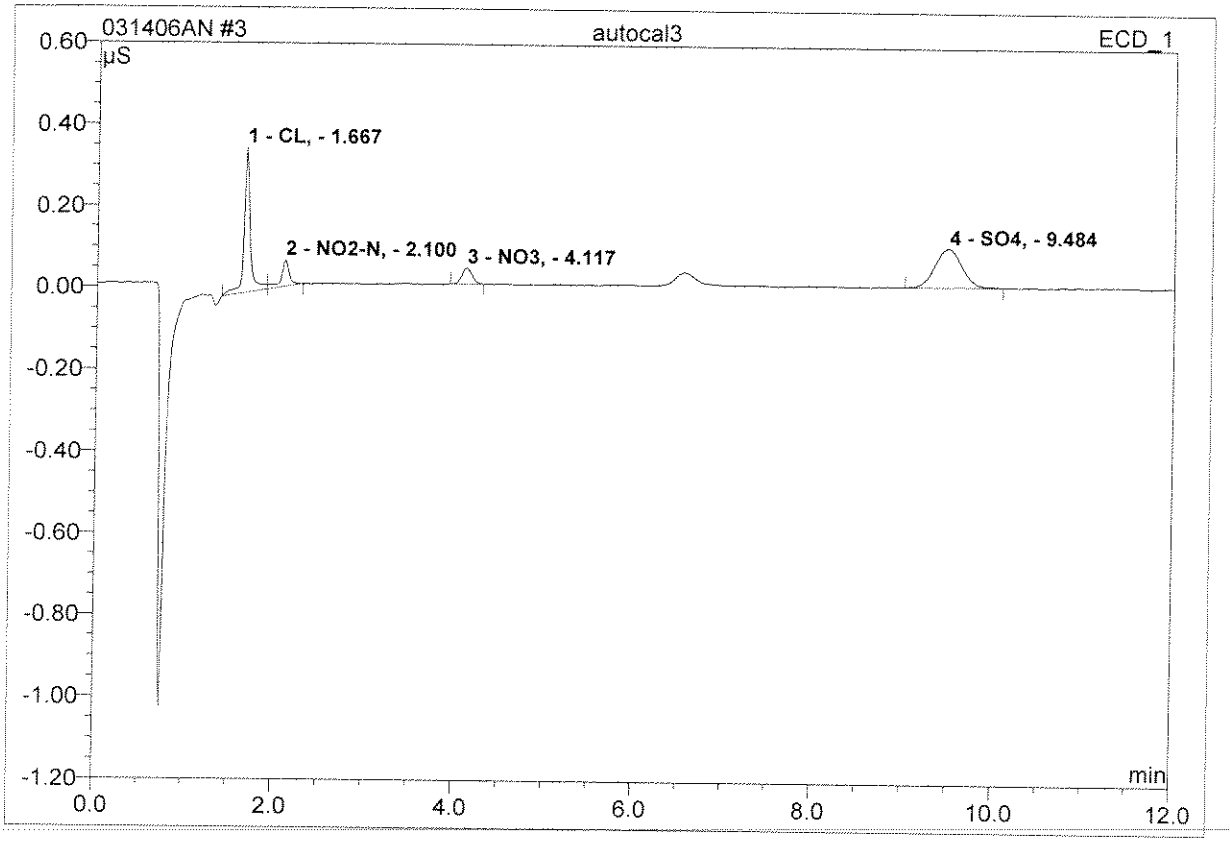
Sample Name:	**autocal2**	*Injection Volume:*	**1000.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 17:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	0.197	0.018	39.49	0.176	BM
2	2.10	NO2-N,	0.040	0.006	12.39	0.026	MB
3	4.12	NO3,	0.023	0.003	7.40	0.014	BMB
4	9.47	SO4,	0.054	0.018	40.72	0.279	BMB
Total:			0.314	0.045	100.00	0.496	

3 autocal3

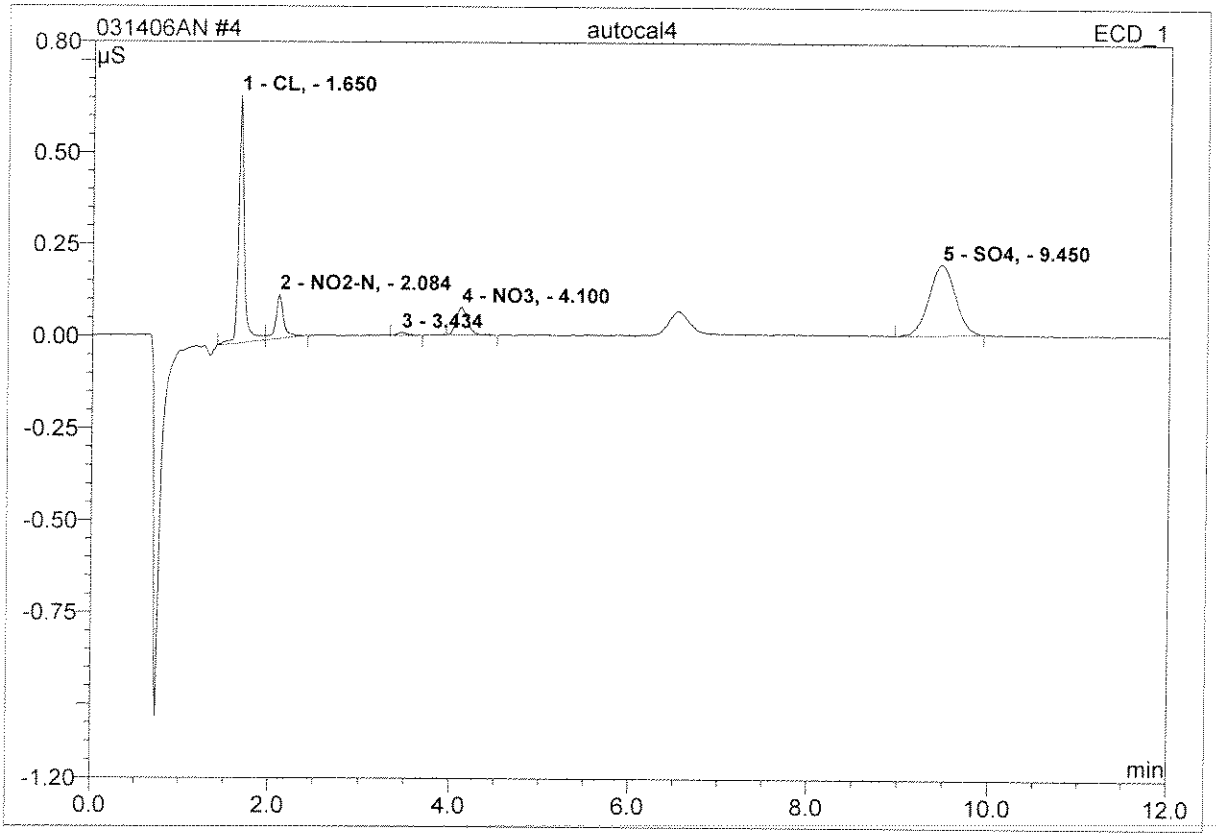
Sample Name:	**autocal3**	*Injection Volume:*	**1000.0**
Vial Number:	**2**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 17:17**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	0.356	0.029	38.83	0.285	BM
2	2.10	NO2-N,	0.065	0.007	9.23	0.032	MB
3	4.12	NO3,	0.039	0.005	7.13	0.023	BMB
4	9.48	SO4,	0.096	0.033	44.80	0.505	BMB
Total:			0.556	0.075	100.00	0.845	

4 autocal4

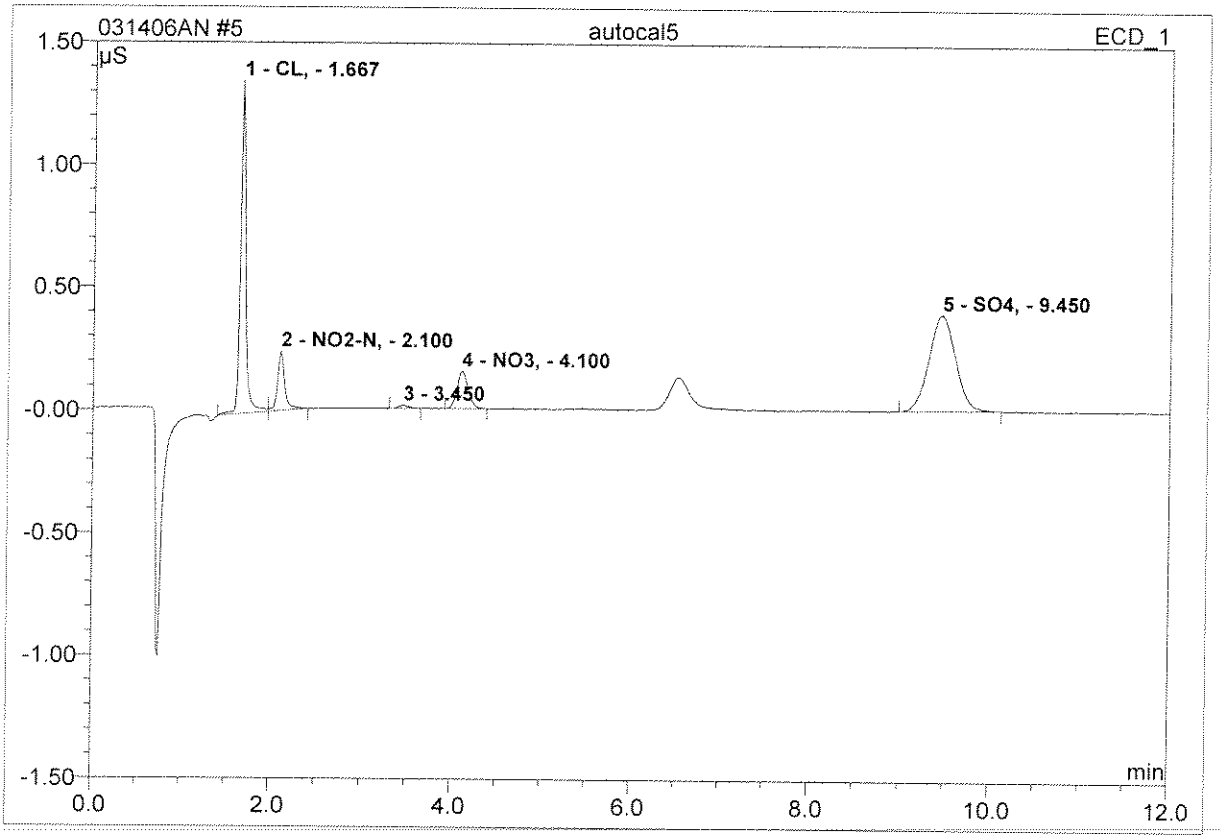
Sample Name:	**autocal4**	*Injection Volume:*	**1000.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 17:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	0.674	0.051	36.04	0.498	BM
2	2.08	NO2-N,	0.121	0.012	8.67	0.057	MB
3	3.43	n.a.	0.008	0.001	0.80	n.a.	BMB
4	4.10	NO3,	0.075	0.011	7.85	0.048	BMB
5	9.45	SO4,	0.192	0.066	46.64	0.990	BMB
Total:			1.070	0.141	100.00	1.593	

5 autocal5

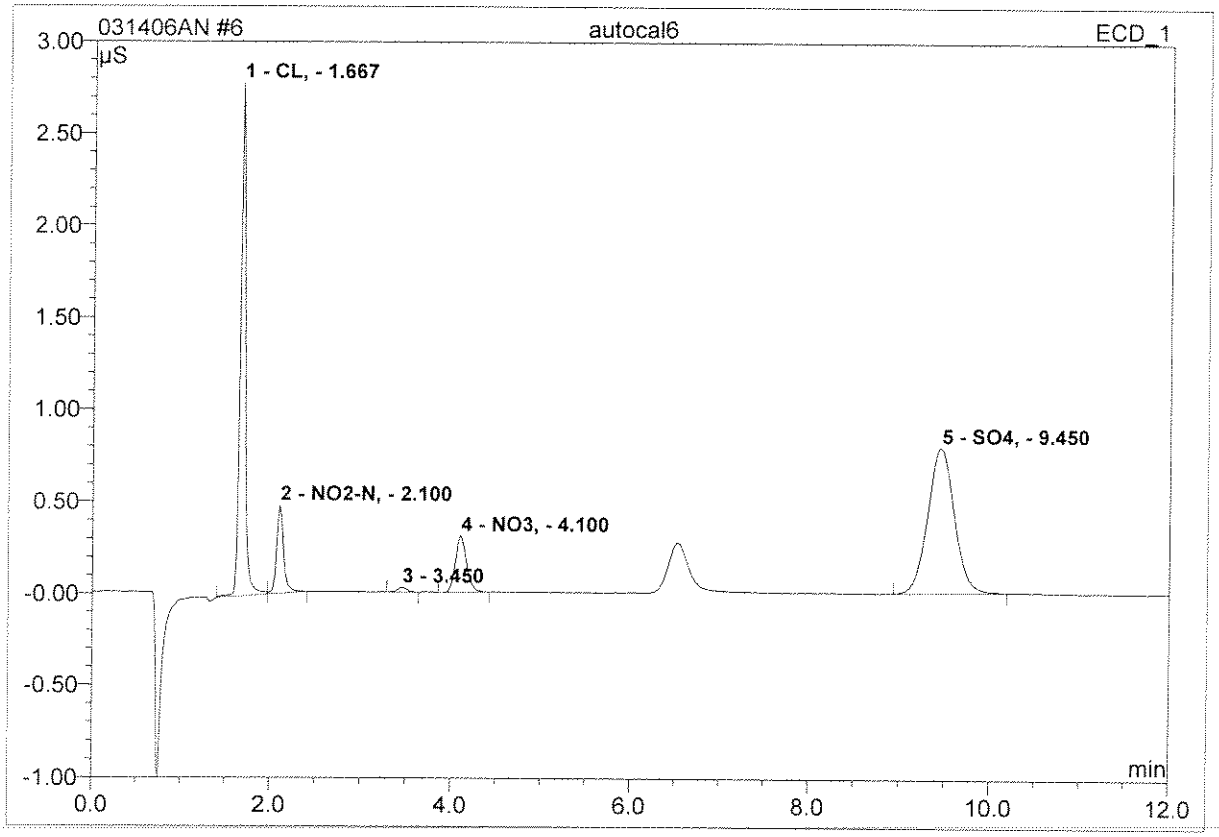
Sample Name:	**autocal5**	*Injection Volume:*	**1000.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 17:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	1.358	0.097	35.06	0.947	BM
2	2.10	NO2-N,	0.240	0.022	8.07	0.104	MB
3	3.45	n.a.	0.013	0.002	0.57	n.a.	BMB
4	4.10	NO3,	0.151	0.022	7.88	0.094	BMB
5	9.45	SO4,	0.390	0.133	48.40	2.008	BMB
Total:			2.151	0.276	100.00	3.153	

6 autocal6

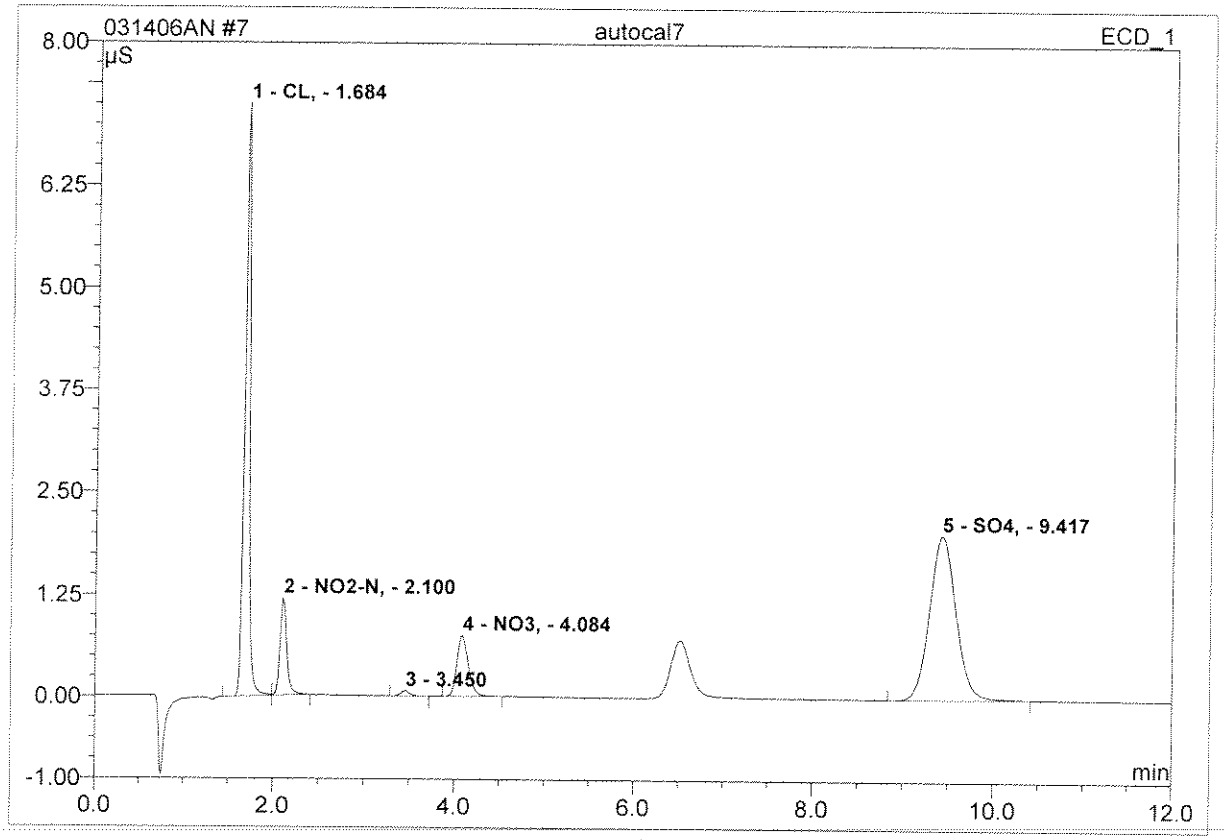
Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 18:00**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	2.787	0.193	34.85	1.876	BM
2	2.10	NO2-N,	0.478	0.042	7.59	0.196	MB
3	3.45	n.a.	0.026	0.003	0.56	n.a.	BMB
4	4.10	NO3,	0.306	0.044	7.98	0.190	BMB
5	9.45	SO4,	0.789	0.271	49.02	4.051	BMB
Total:			4.386	0.553	100.00	6.313	

7 autocal7

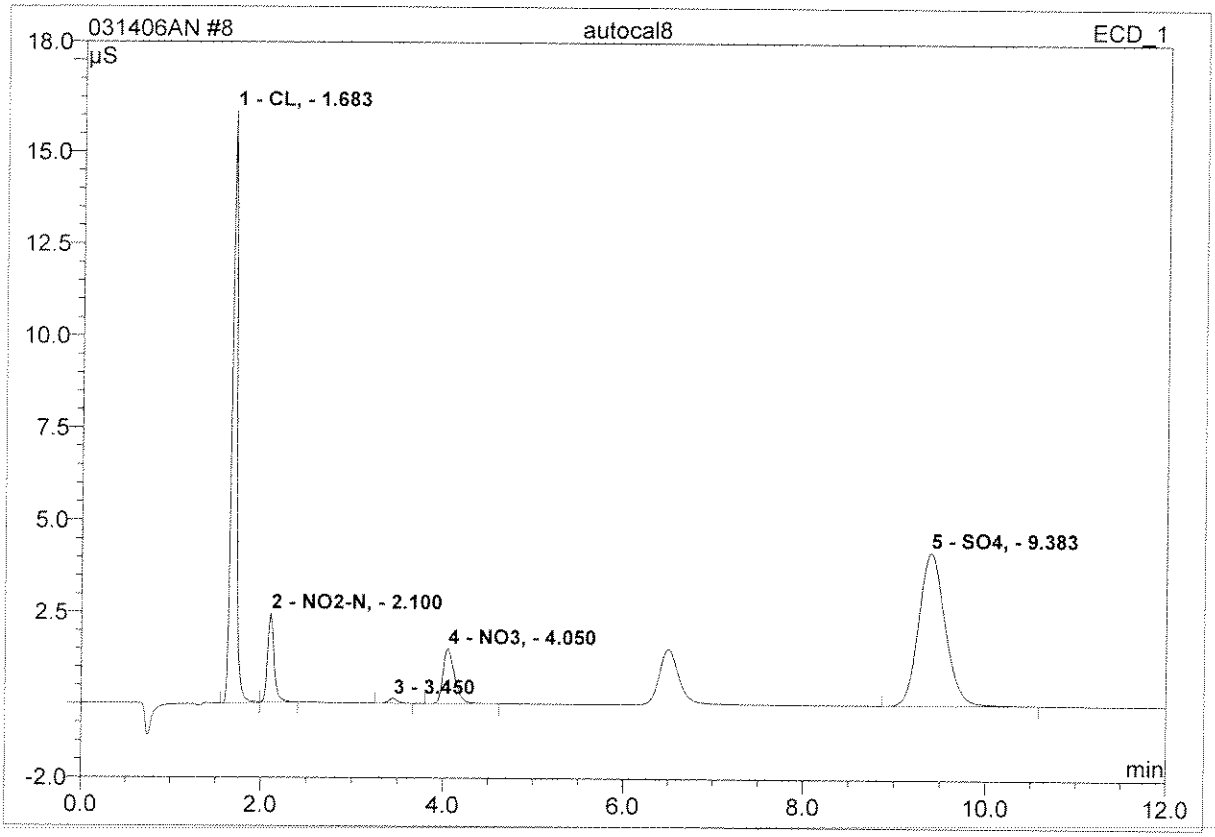
Sample Name:	**autocal7**	*Injection Volume:*	**1000.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 18:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	7.247	0.494	35.28	4.727	BM
2	2.10	NO2-N,	1.193	0.101	7.23	0.470	MB
3	3.45	n.a.	0.066	0.008	0.57	n.a.	BMB
4	4.08	NO3,	0.753	0.111	7.94	0.477	BMB
5	9.42	SO4,	2.008	0.685	48.98	10.083	BMB
Total:			11.266	1.400	100.00	15.758	

8 autocal8

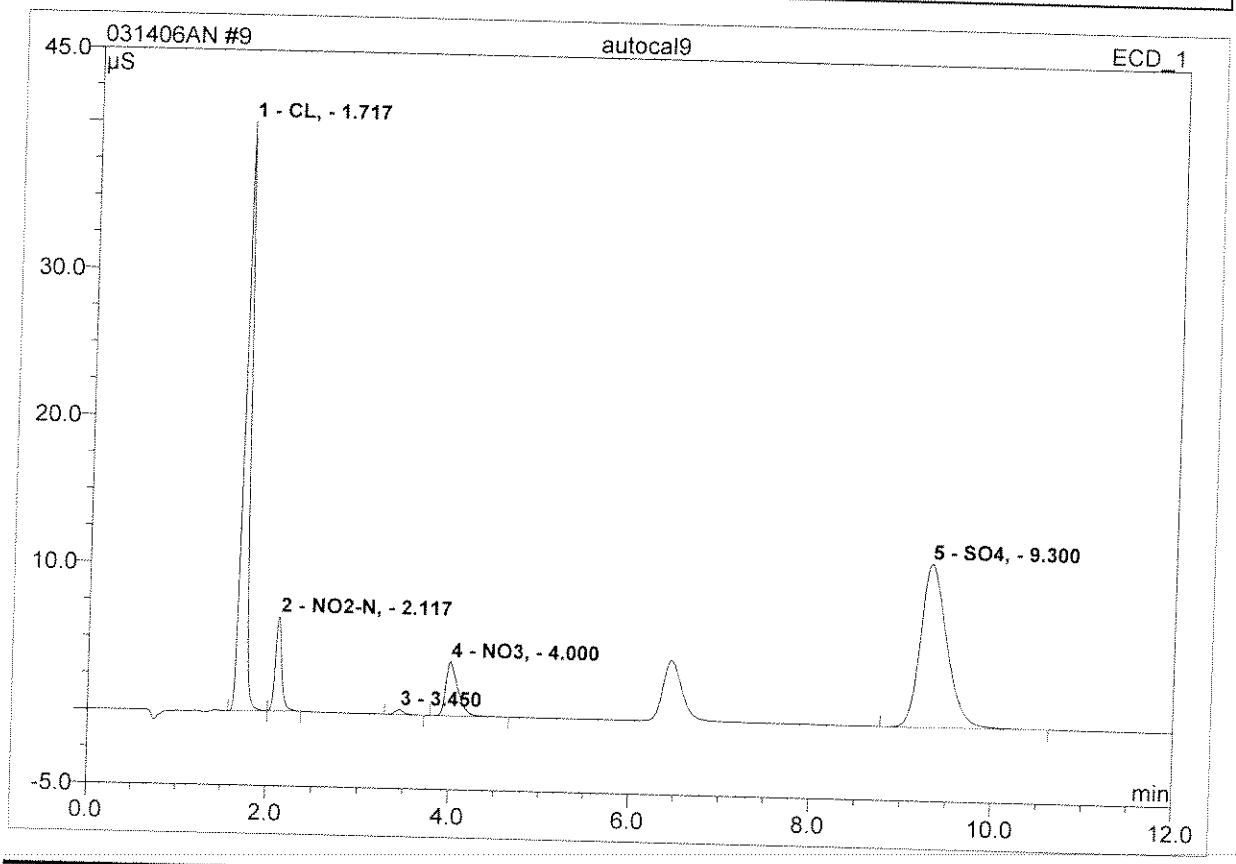
Sample Name:	**autocal8**	*Injection Volume:*	**1000.0**
Vial Number:	**7**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 18:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	16.115	1.066	36.38	9.902	BM
2	2.10	NO2-N,	2.445	0.205	7.00	0.949	MB
3	3.45	n.a.	0.132	0.016	0.54	n.a.	BMB
4	4.05	NO3,	1.511	0.226	7.72	0.966	BMB
5	9.38	SO4,	4.186	1.418	48.37	20.291	BMB
Total:			24.389	2.931	100.00	32.108	

9 autocal9

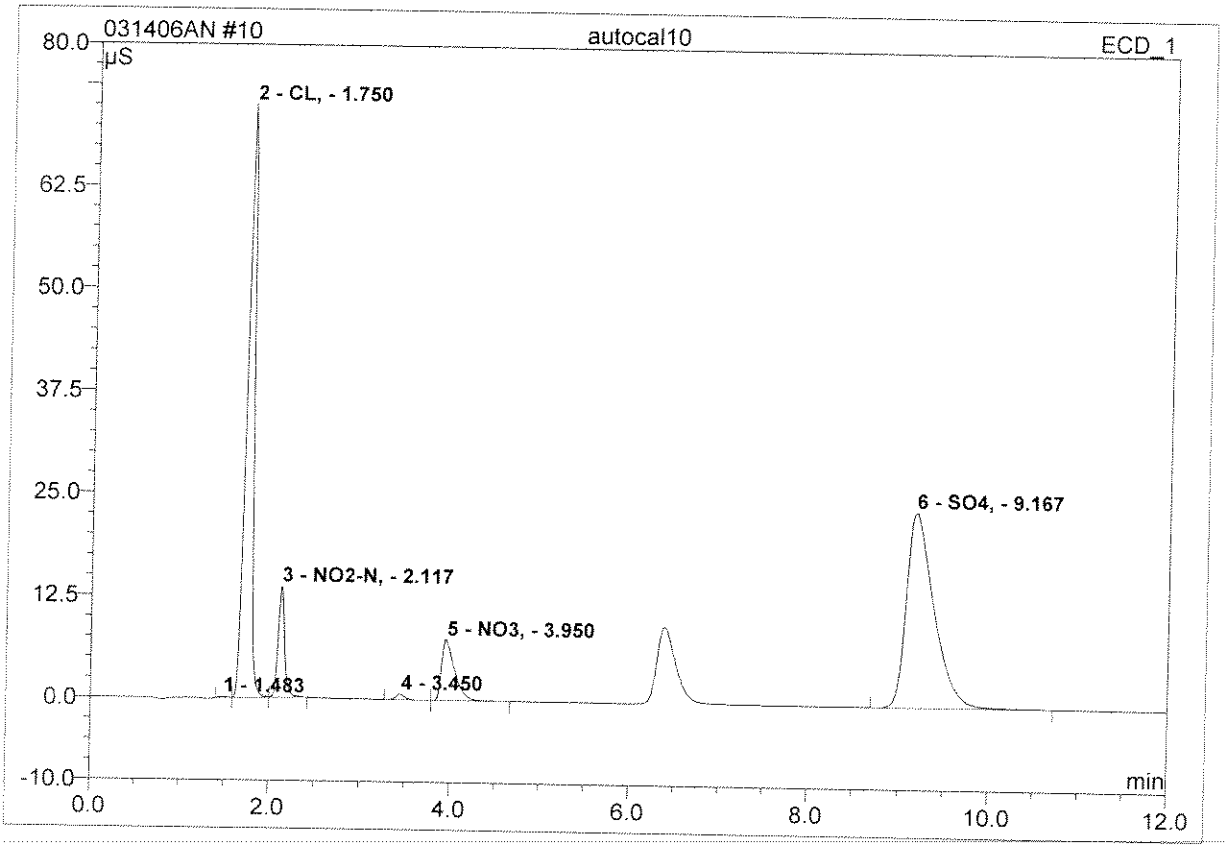
Sample Name:	**autocal9**	*Injection Volume:*	**1000.0**
Vial Number:	**8**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 18:44**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.72	CL,	40.081	2.947	37.55	25.151	BM
2	2.12	NO2-N,	6.418	0.538	6.85	2.450	MB
3	3.45	n.a.	0.328	0.039	0.50	n.a.	BMB
4	4.00	NO3,	3.671	0.574	7.32	2.414	BMB
5	9.30	SO4,	11.099	3.750	47.79	49.806	BMB
Total:			61.599	7.848	100.00	79.821	

10 autocal10

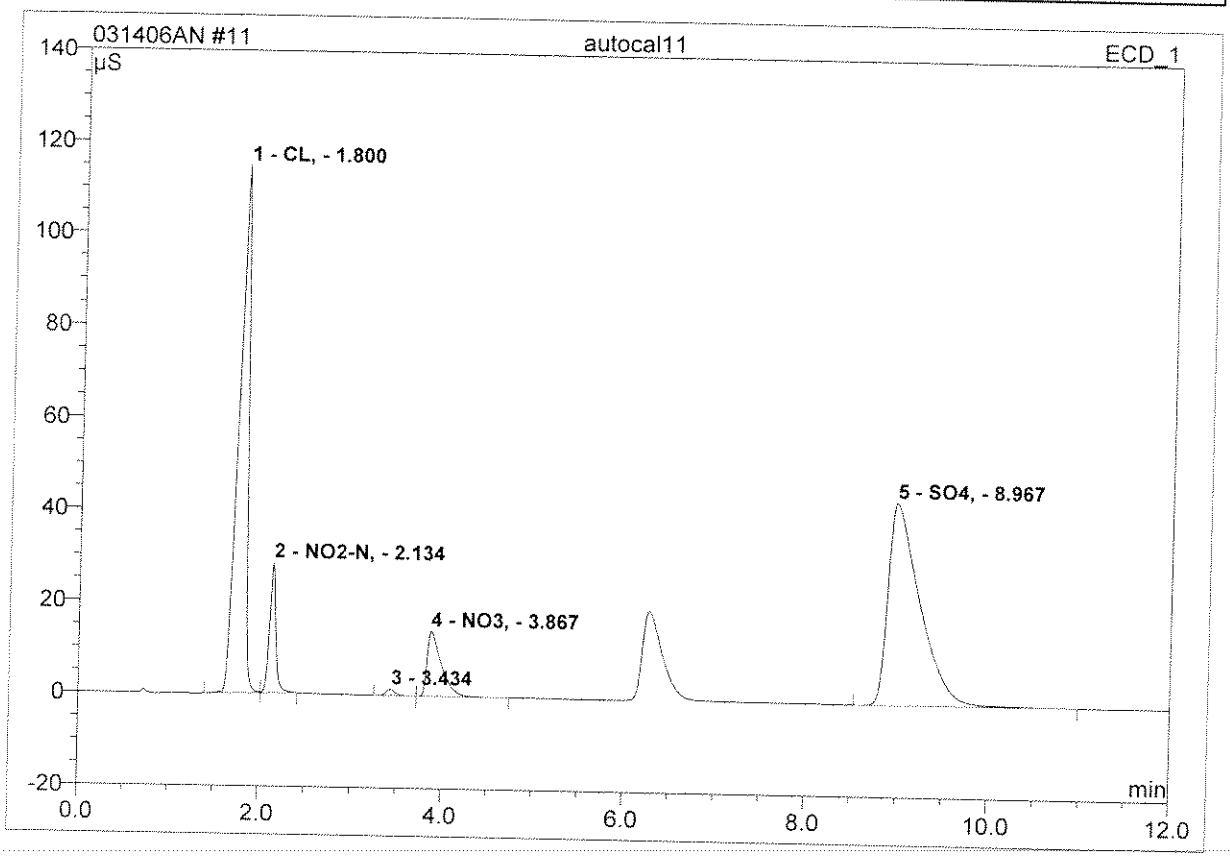
Sample Name:	**autocal10**	*Injection Volume:*	**1000.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 18:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.48	n.a.	0.149	0.014	0.08	n.a.	BM
2	1.75	CL,	72.530	6.630	37.75	49.974	M
3	2.12	NO2-N,	13.570	1.138	6.48	5.058	MB
4	3.45	n.a.	0.694	0.081	0.46	n.a.	BMb
5	3.95	NO3,	7.406	1.243	7.08	5.077	bMB
6	9.17	SO4,	23.826	8.458	48.16	100.031	BMB
Total:			118.175	17.564	100.00	160.140	

11 autocal11

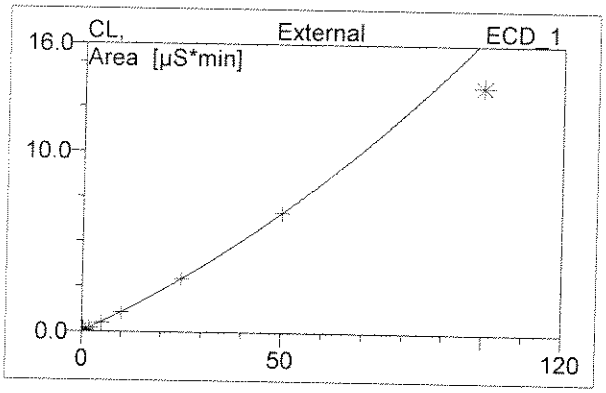
Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 19:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**

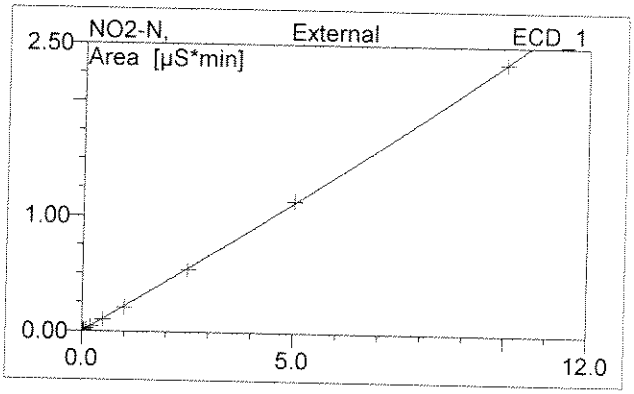


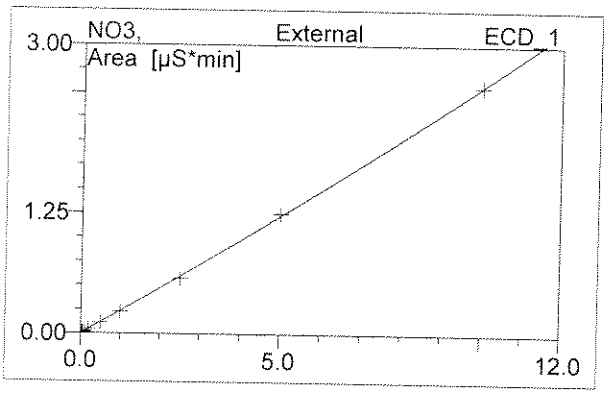
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.80	CL,	114.778	13.683	37.39	87.619	BM
2	2.13	NO2-N,	28.272	2.352	6.43	9.990	MB
3	3.43	n.a.	1.387	0.159	0.44	n.a.	BMb
4	3.87	NO3,	14.139	2.571	7.03	9.987	bMB
5	8.97	SO4,	44.031	17.825	48.72	179.647	BMB
Total:			202.608	36.590	100.00	287.243	

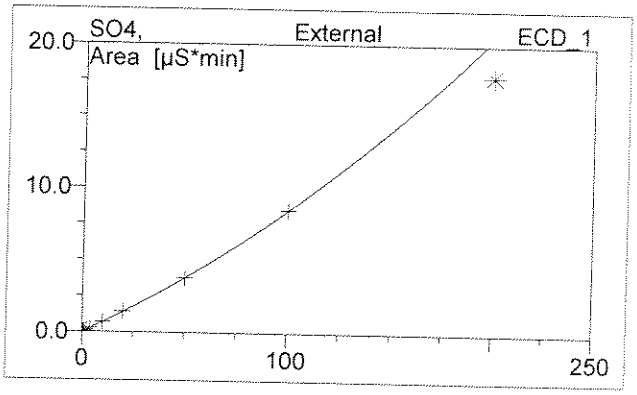
11 autocal11

Sample Name:	**autocal11**	*Injection Volume:*	**1000.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.0000**
Recording Time:	**1/20/2006 19:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.00**	*Sample Amount:*	**1.0000**





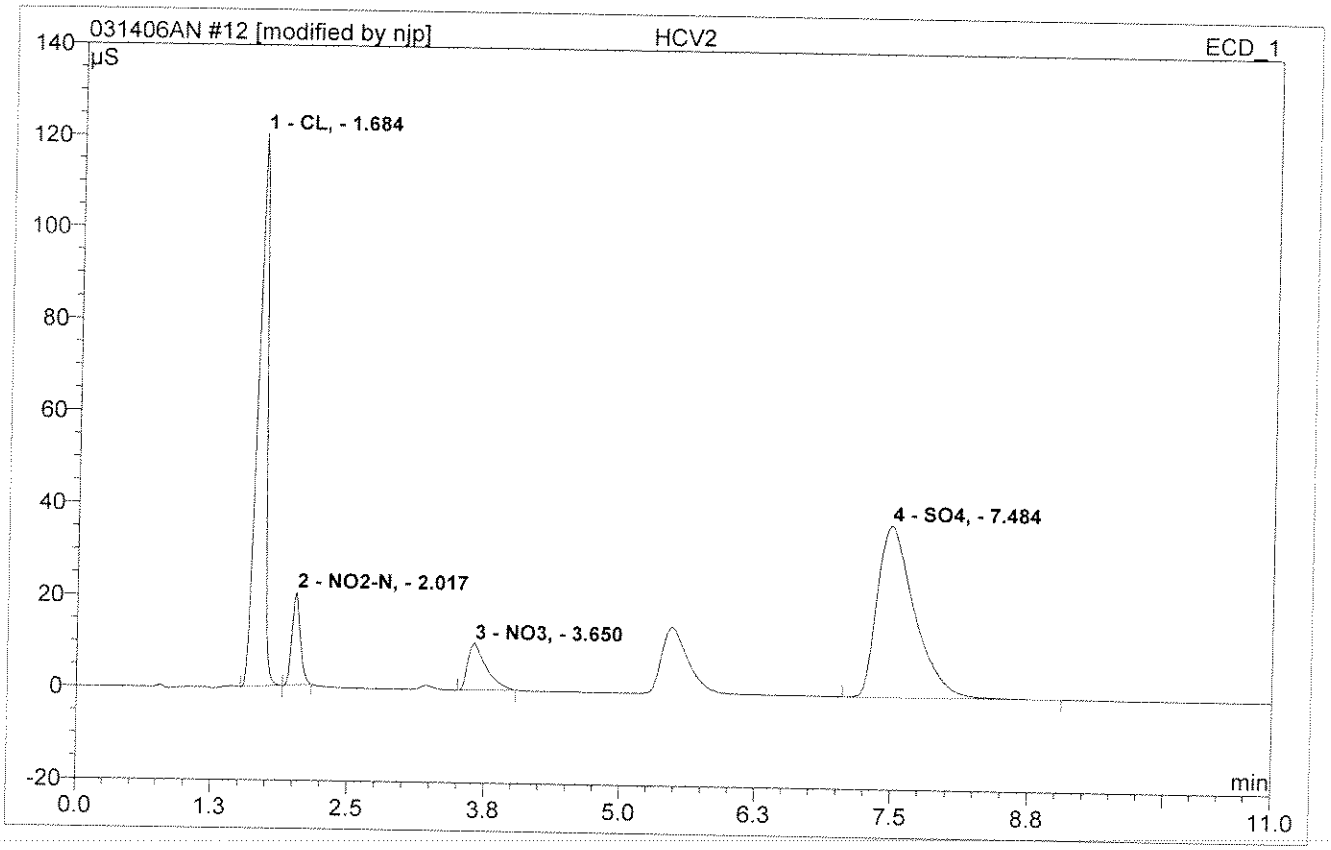




No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	1.80	CL,	Quad	7	99.8288	0.0000	0.1015	0.0006
2	2.13	NO2-N,	Quad	10	99.9689	0.0000	0.2142	0.0021
3	3.43	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
4	3.87	NO3,	Quad	10	99.9620	0.0000	0.2317	0.0026
5	8.97	SO4,	Quad	9	99.8395	0.0000	0.0661	0.0002
Average:					99.8998	0.0000	0.1534	0.0014

12 HCV2

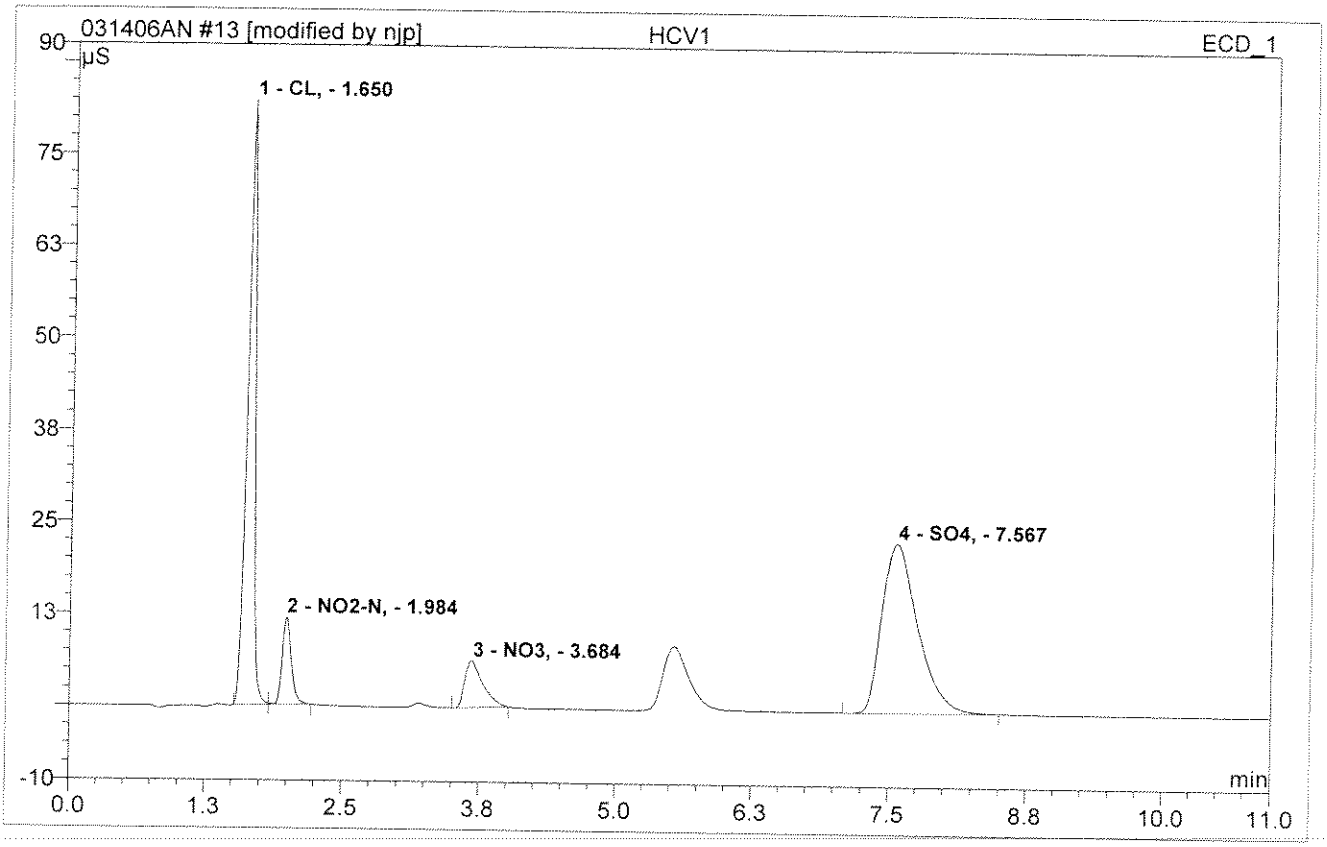
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**43**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 10:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	120.190	11.492309	38.08	76.889	BM *
2	2.02	NO2-N,	20.169	1.804547	5.98	7.817	MB*
3	3.65	NO3,	10.130	2.011178	6.66	7.974	BMB*
4	7.48	SO4,	37.398	14.873853	49.28	156.605	BMB
Total:			187.886	30.182	100.00	249.284	

13 HCV1

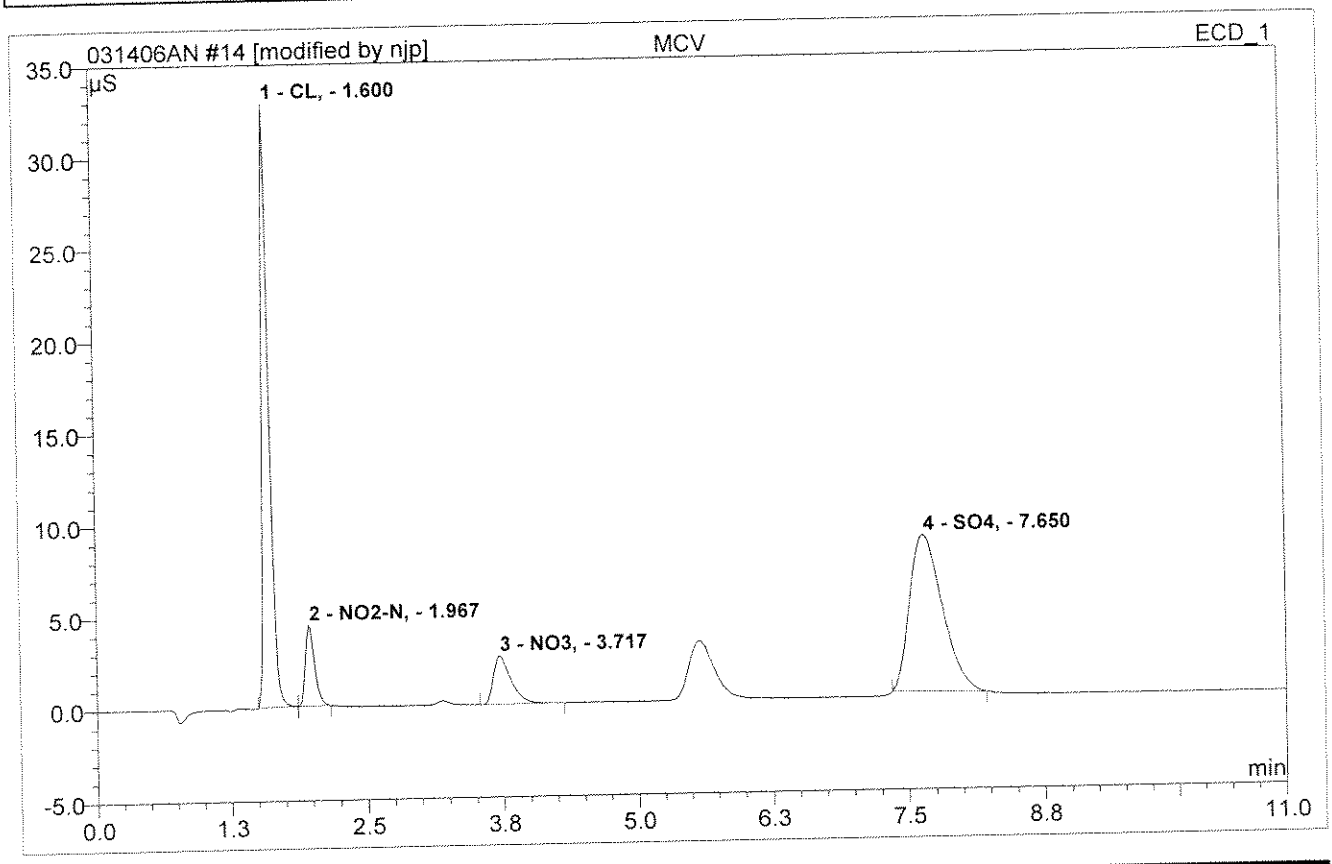
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**44**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 10:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	82.170	6.835258	38.23	51.220	BM *
2	1.98	NO2-N,	11.770	1.140757	6.38	5.070	MB*
3	3.68	NO3,	6.295	1.207287	6.75	4.940	BMB*
4	7.57	SO4,	22.952	8.694248	48.63	102.316	BMB*
Total:			123.188	17.878	100.00	163.546	

14 MCV

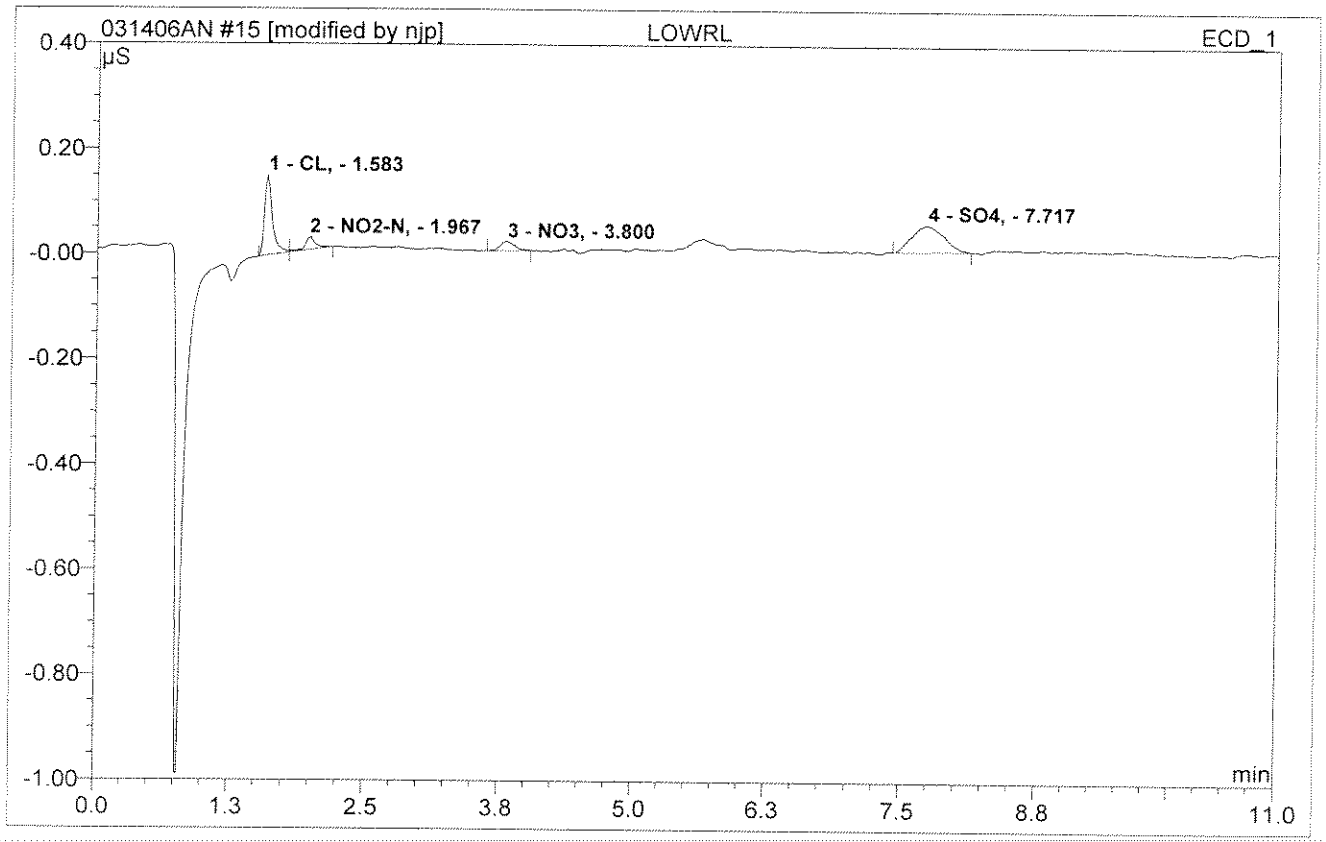
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**43**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 10:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	32.829	2.463835	38.73	21.448	BM *
2	1.97	NO2-N,	4.403	0.424160	6.67	1.943	MB*
3	3.72	NO3,	2.628	0.495028	7.78	2.088	BMB
4	7.65	SO4,	8.537	2.978333	46.82	40.477	BMB*
Total:			48.397	6.361	100.00	65.956	

15 LOWRL

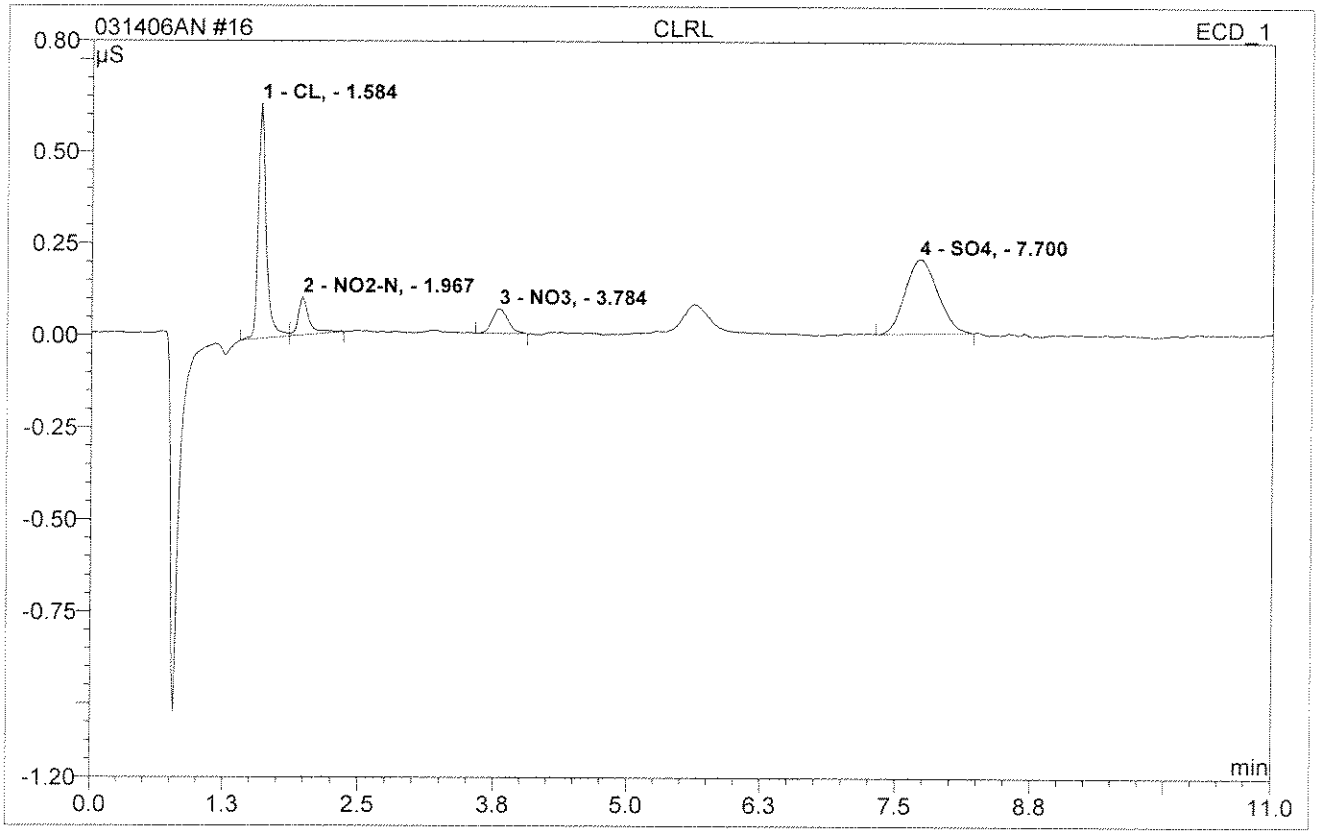
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**44**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 11:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.153	0.013016	35.82	0.128	BM *
2	1.97	NO2-N,	0.023	0.002680	7.38	0.013	MB*
3	3.80	NO3,	0.017	0.002779	7.65	0.012	BMB*
4	7.72	SO4,	0.052	0.017861	49.15	0.270	BMB
Total:			0.244	0.036	100.00	0.423	

16 CLRL

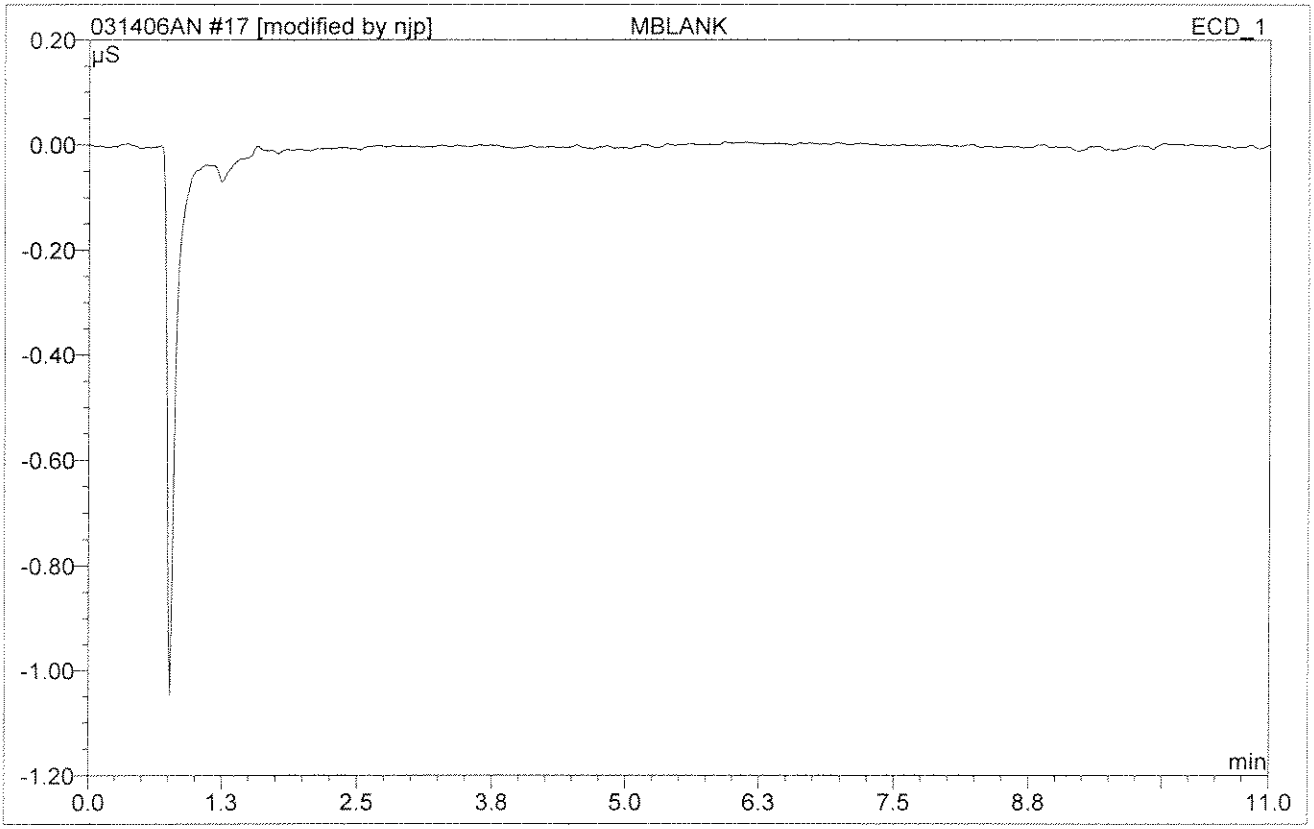
Sample Name:	**CLRL**	*Injection Volume:*	**1000.0**
Vial Number:	**45**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 11:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.639	0.054221	36.38	0.533	BM
2	1.97	NO2-N,	0.103	0.011890	7.98	0.055	MB
3	3.78	NO3,	0.067	0.011564	7.76	0.050	BMB
4	7.70	SO4,	0.203	0.071383	47.89	1.076	BMB
Total:			1.011	0.149	100.00	1.714	

17 MBLANK

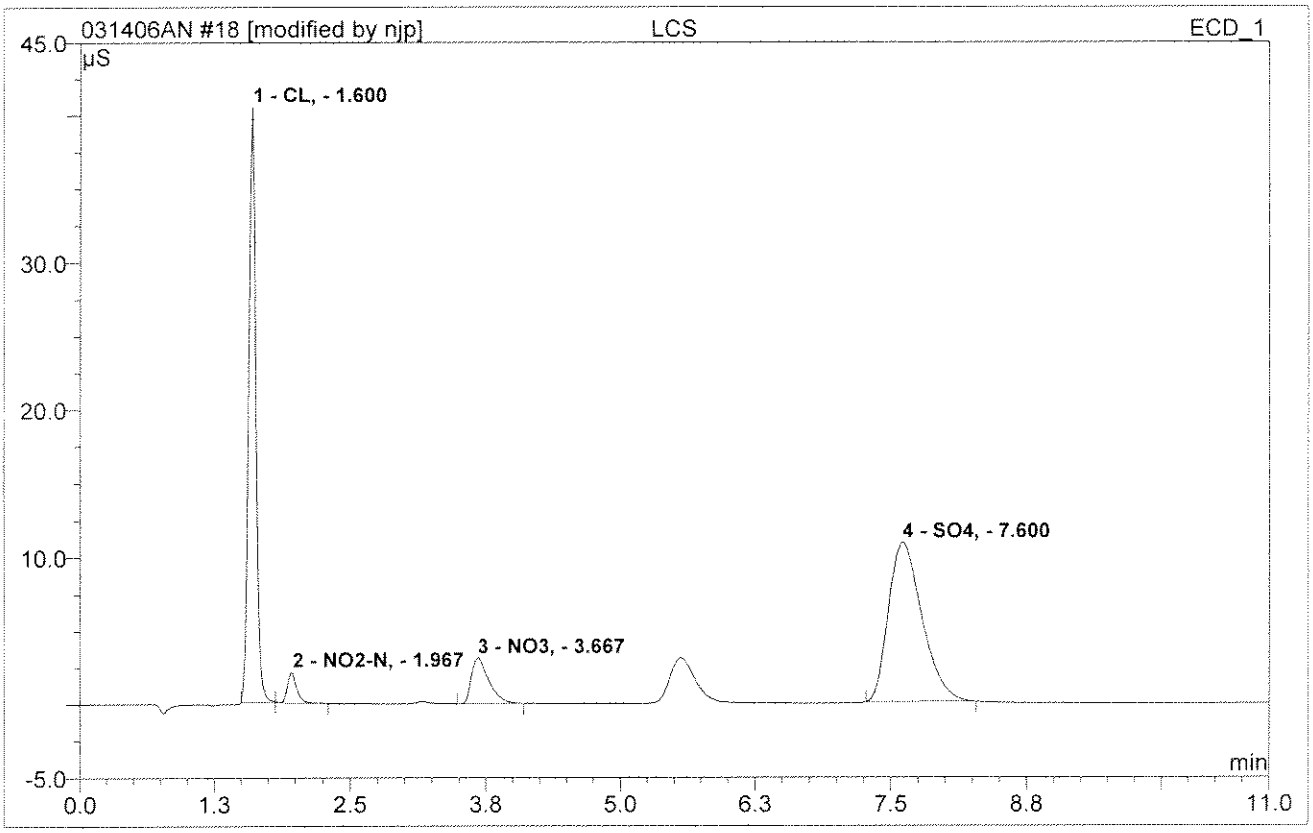
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**20**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 11:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

18 LCS

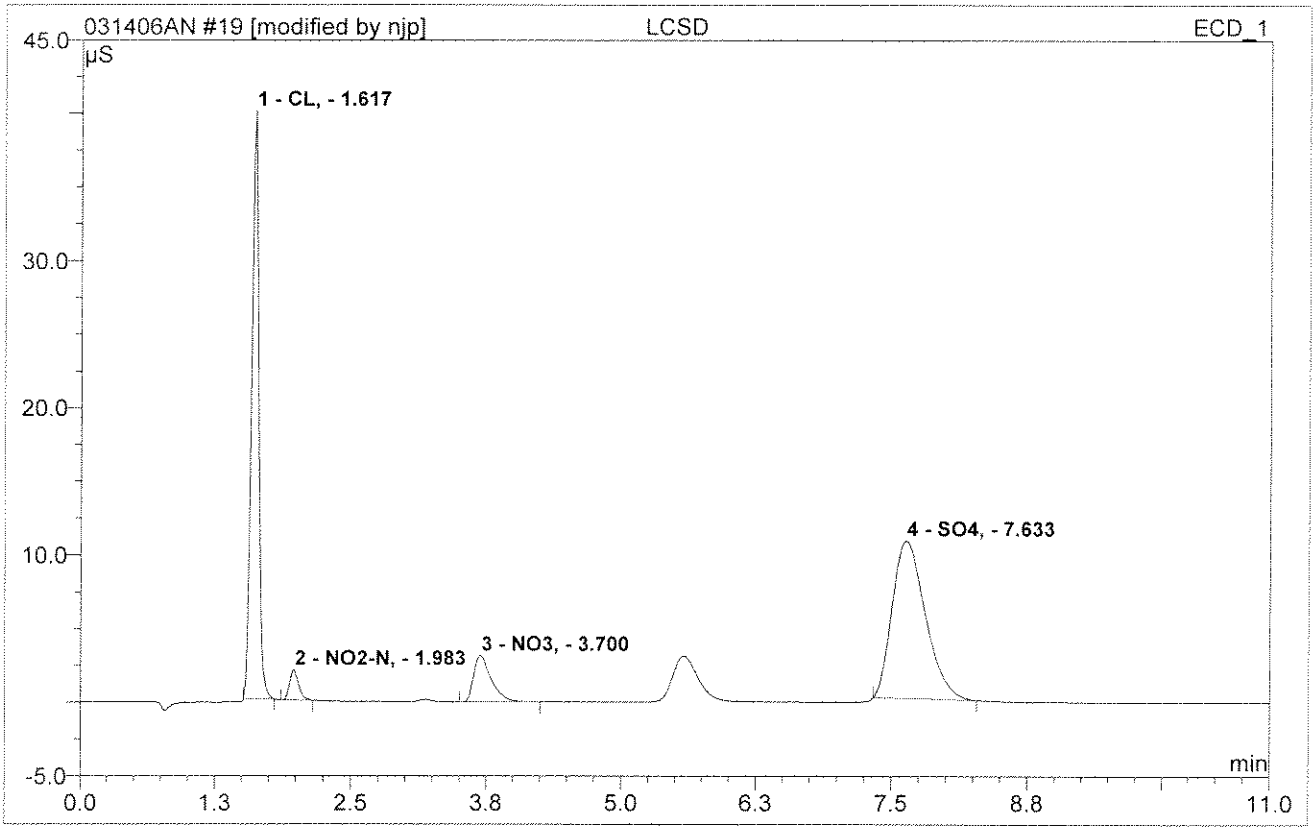
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 11:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	40.446	3.073077	39.44	26.094	BM *
2	1.97	NO2-N,	2.107	0.211510	2.71	0.978	MB*
3	3.67	NO3,	3.147	0.594579	7.63	2.497	BMB*
4	7.60	SO4,	10.843	3.912111	50.21	51.713	BMB*
Total:			56.543	7.791	100.00	81.281	

19 LCSD

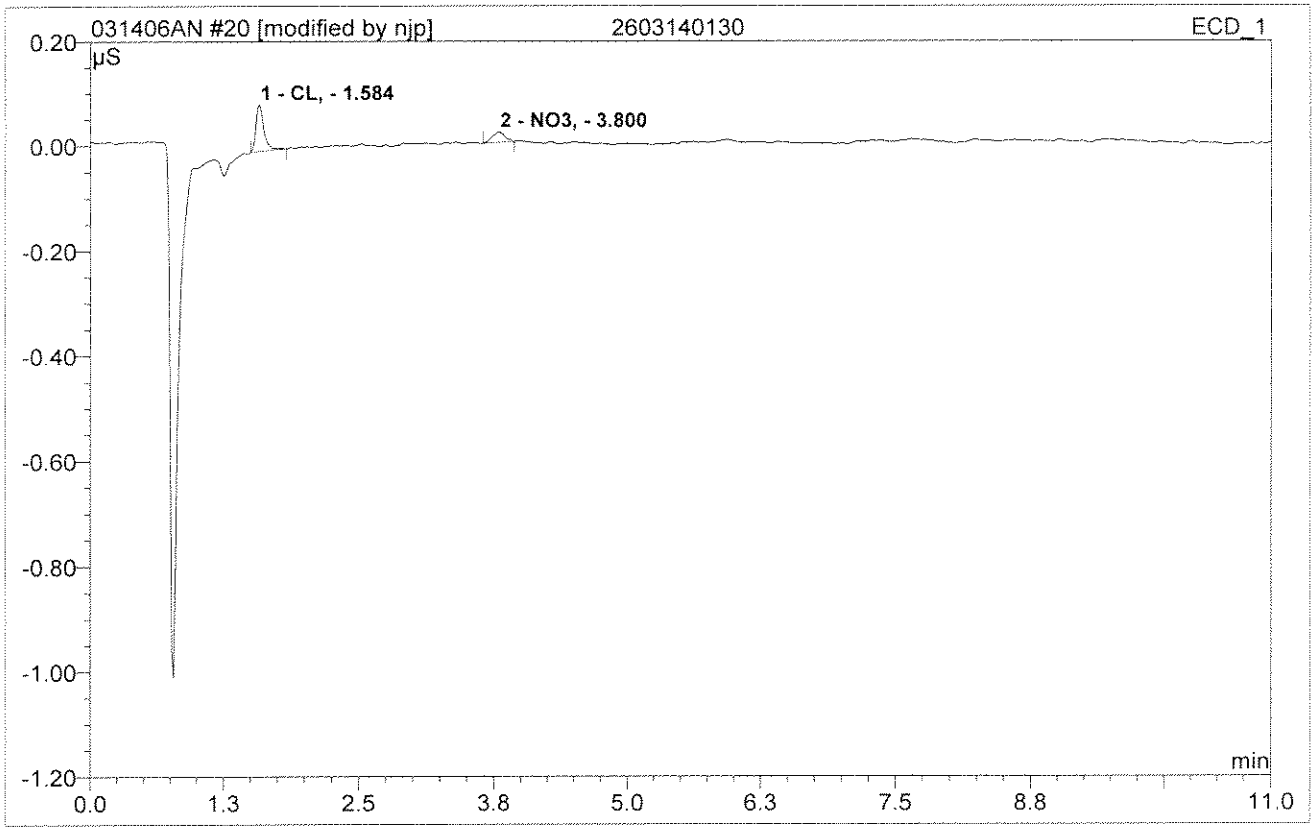
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 12:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	39.967	3.030849	39.66	25.778	BMB*
2	1.98	NO2-N,	2.063	0.198060	2.59	0.916	BMB*
3	3.70	NO3,	3.162	0.597695	7.82	2.510	BMB
4	7.63	SO4,	10.712	3.814975	49.92	50.570	BMB*
Total:			55.904	7.642	100.00	79.774	

20 2603140130

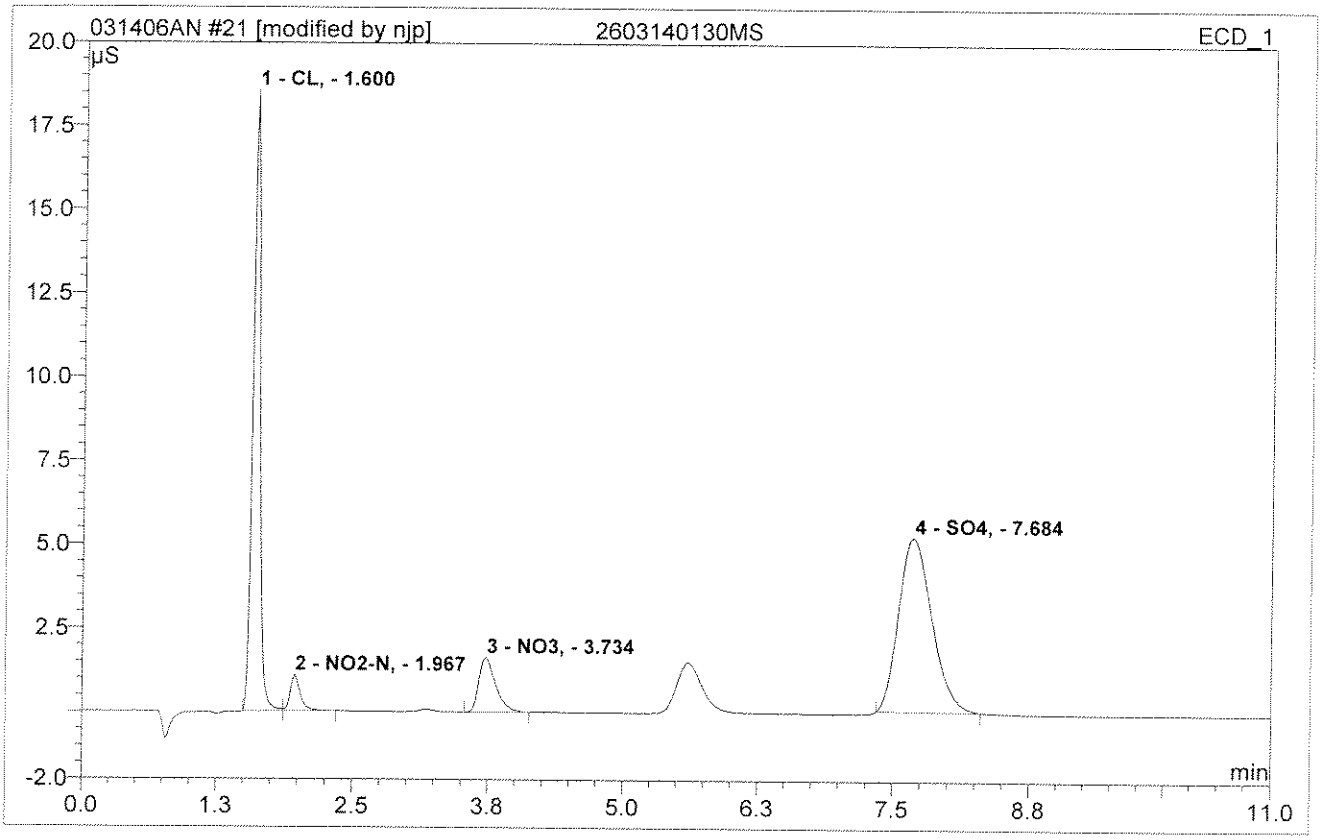
Sample Name:	**2603140130**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 12:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.089	0.007618	74.08	0.075	BMB*
2	3.80	NO3,	0.020	0.002666	25.92	0.012	BMB*
Total:			0.108	0.010	100.00	0.087	

21 2603140130MS

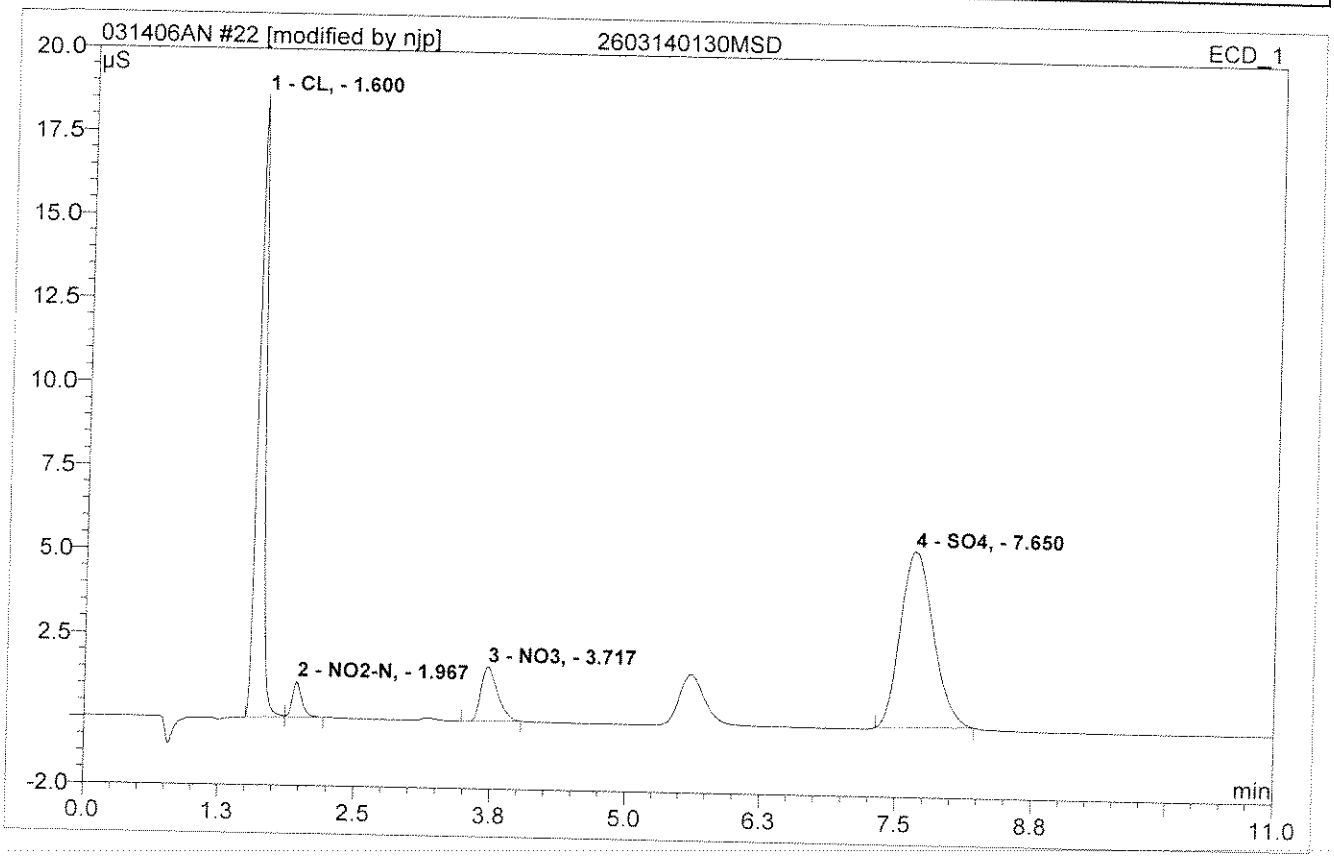
Sample Name:	**2603140130MS**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 12:35**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	18.545	1.416268	38.72	12.927	BM *
2	1.97	NO2-N,	1.065	0.112596	3.08	0.523	MB*
3	3.73	NO3,	1.625	0.294932	8.06	1.255	BMB
4	7.68	SO4,	5.178	1.833951	50.14	25.871	BMB*
Total:			26.413	3.658	100.00	40.577	

22 2603140130MSD

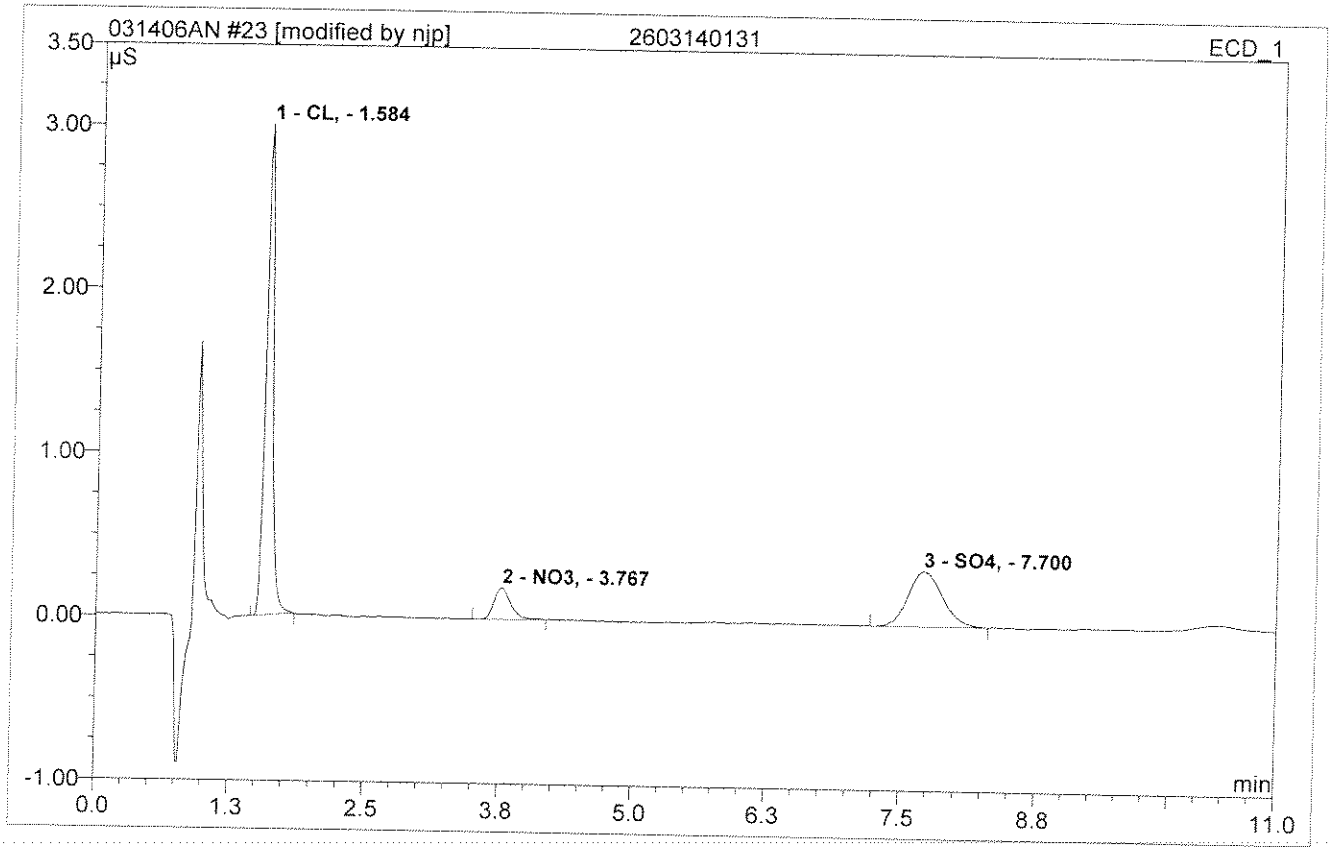
Sample Name:	**2603140130MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 12:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	18.586	1.428505	38.87	13.031	BM *
2	1.97	NO2-N,	1.072	0.108037	2.94	0.502	MB*
3	3.72	NO3,	1.629	0.291711	7.94	1.242	BMB*
4	7.65	SO4,	5.227	1.847144	50.26	26.045	BMB*
Total:			26.514	3.675	100.00	40.820	

23 2603140131

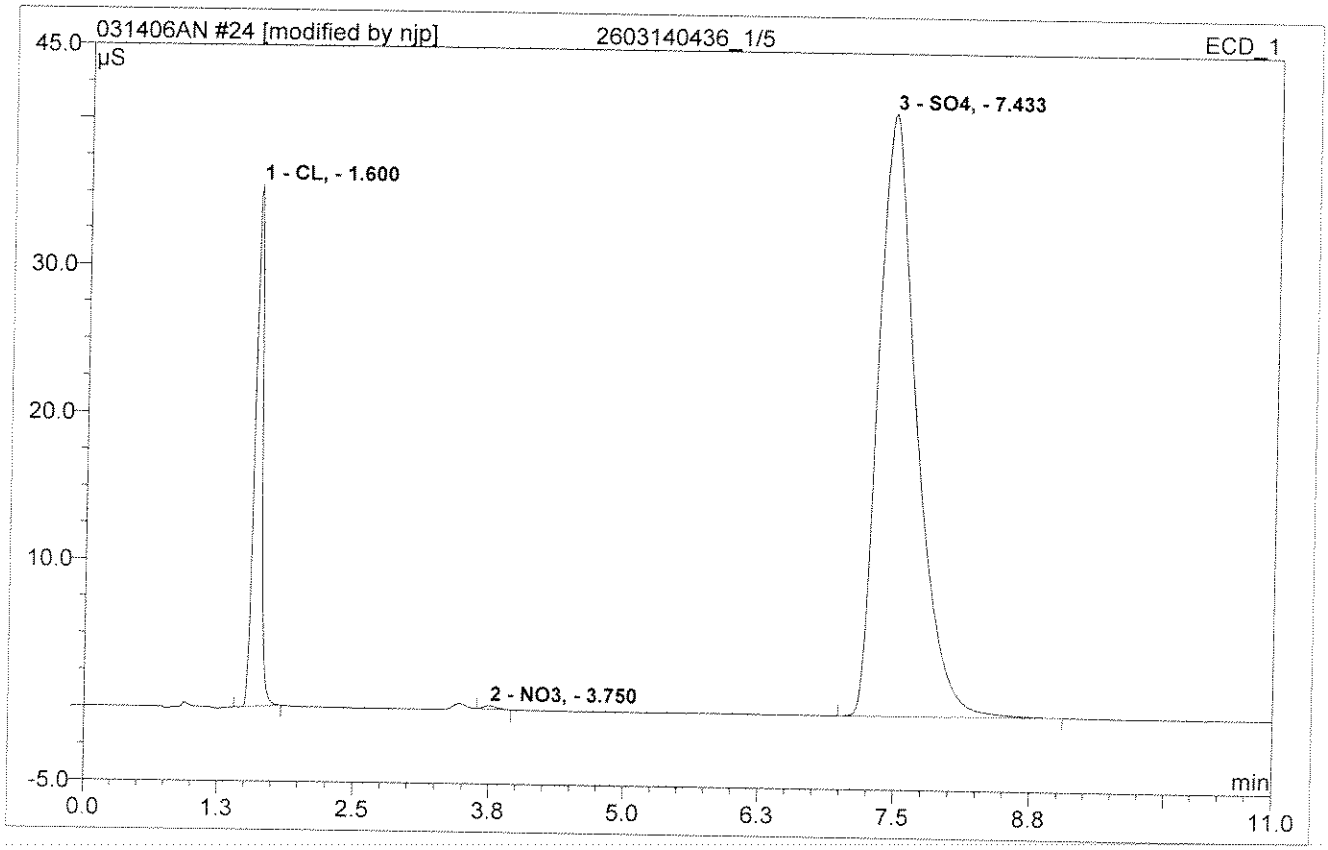
Sample Name:	**2603140131**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 13:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	3.000	0.241444	60.67	2.345	BMB
2	3.77	NO3,	0.190	0.034172	8.59	0.147	BMB
3	7.70	SO4,	0.334	0.122376	30.75	1.841	BMB
Total:			3.525	0.398	100.00	4.334	

24 2603140436_1/5

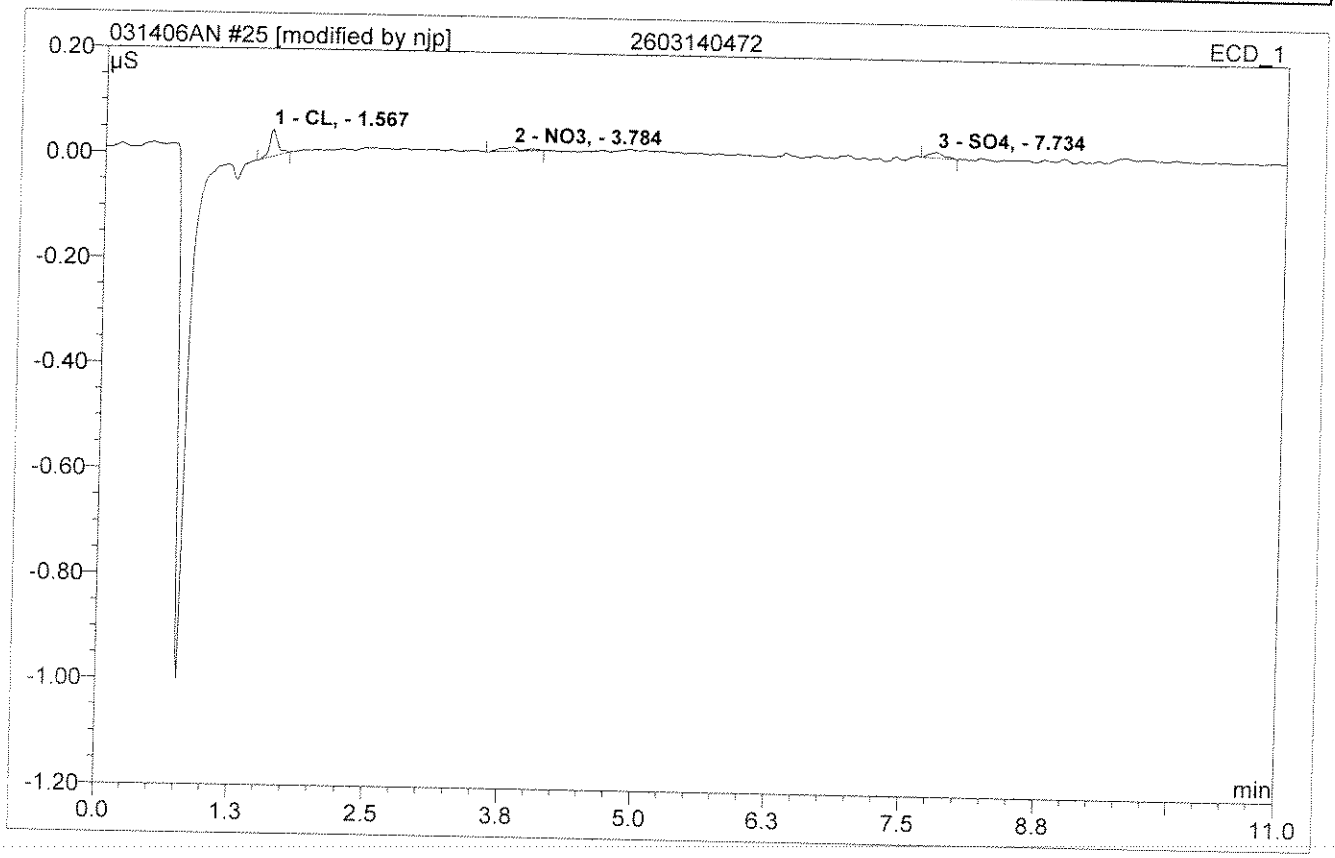
Sample Name:	**2603140436_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/14/2006 13:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	35.474	2.818911	14.44	120.902	BMB
2	3.75	NO3,	0.229	0.033660	0.17	0.725	BMB*
3	7.43	SO4,	40.919	16.669757	85.39	854.035	BMB
Total:			76.622	19.522	100.00	975.663	

25 2603140472

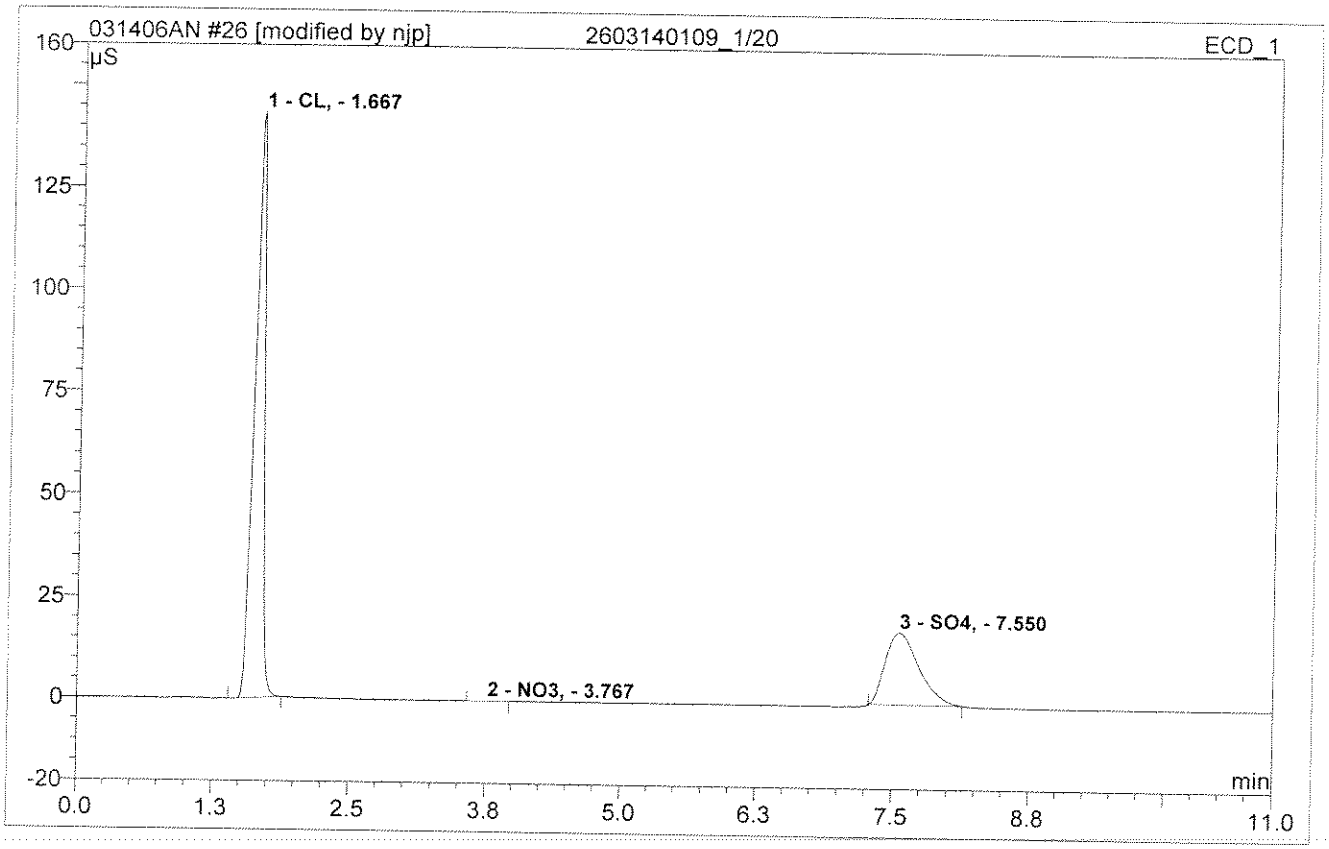
Sample Name:	**2603140472**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 13:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.051	0.004270	53.29	0.042	BMB
2	3.78	NO3,	0.008	0.002012	25.12	0.009	BMB*
3	7.73	SO4,	0.011	0.001730	21.59	0.026	BMB
Total:			0.070	0.008	100.00	0.077	

26 2603140109_1/20

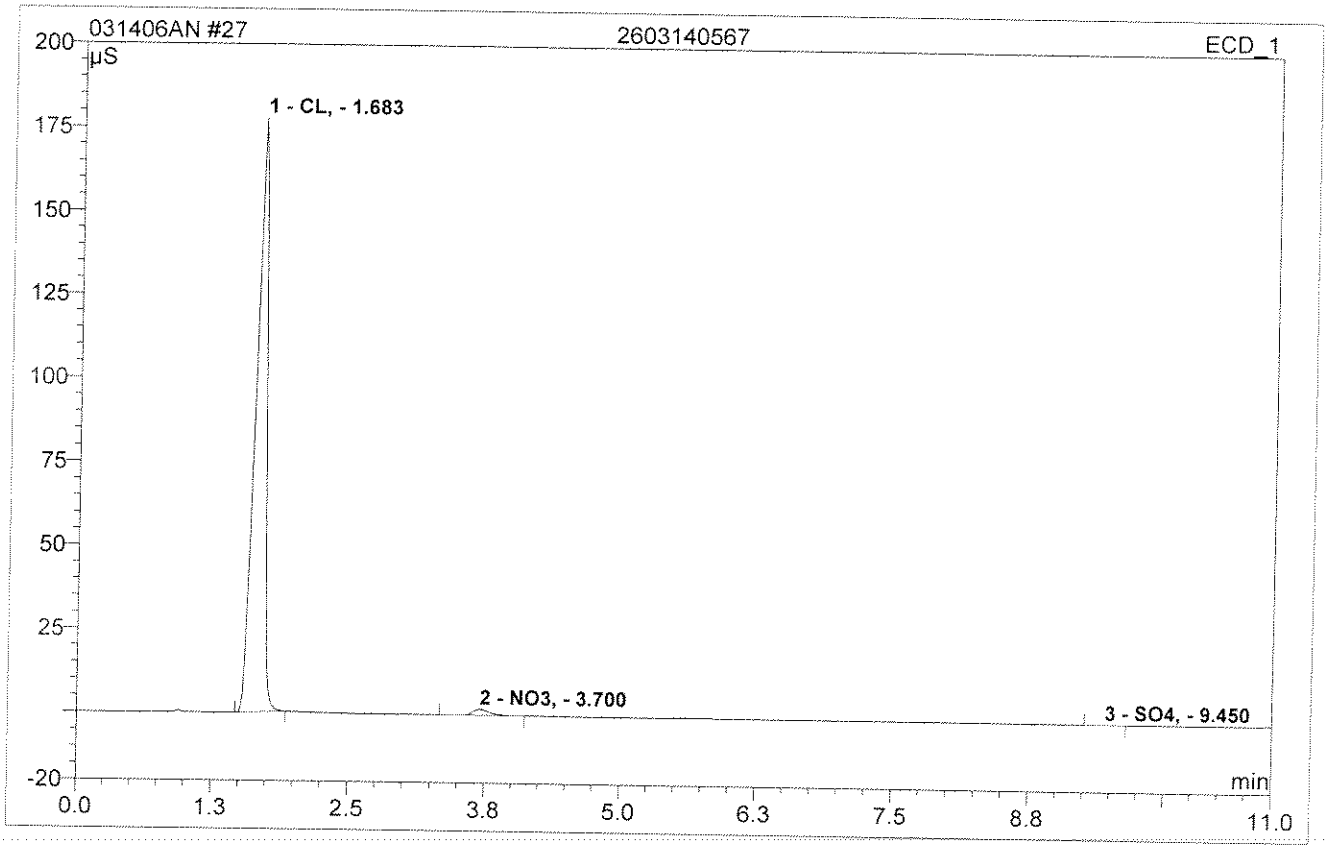
Sample Name:	**2603140109_1/20**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**20.00**
Recording Time:	**3/14/2006 13:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	143.235	14.789727	69.94	1855.800	BMB
2	3.77	NO3,	0.035	0.005671	0.03	0.489	BMB
3	7.55	SO4,	17.804	6.349749	30.03	1574.996	BMB*
Total:			161.074	21.145	100.00	3431.286	

27 2603140567

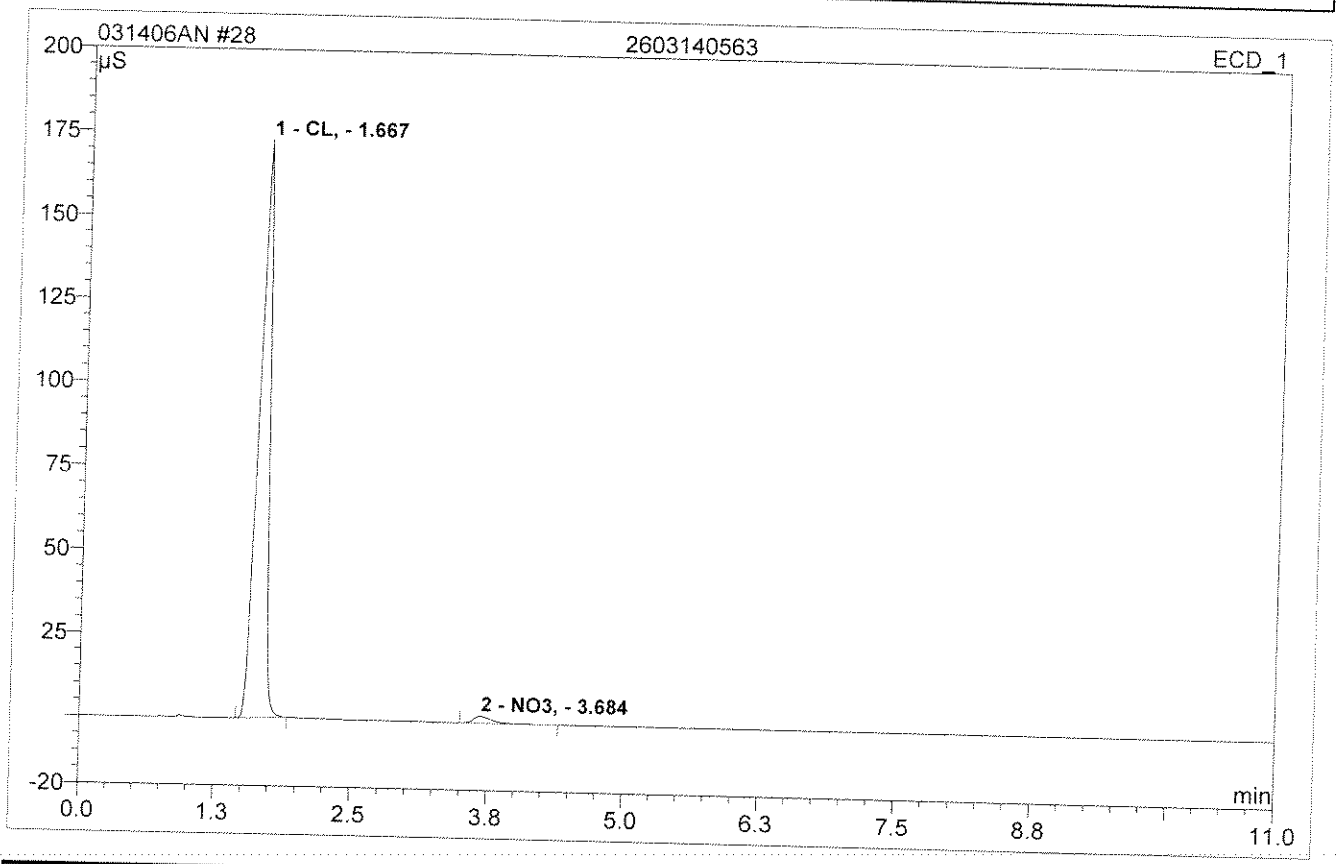
Sample Name:	**2603140567**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 13:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	177.620	20.189974	98.37	116.085	BMB
2	3.70	NO3,	1.816	0.333780	1.63	1.418	BMB
3	9.45	SO4,	0.007	0.001227	0.01	0.019	BMB
Total:			179.443	20.525	100.00	117.521	

28 2603140563

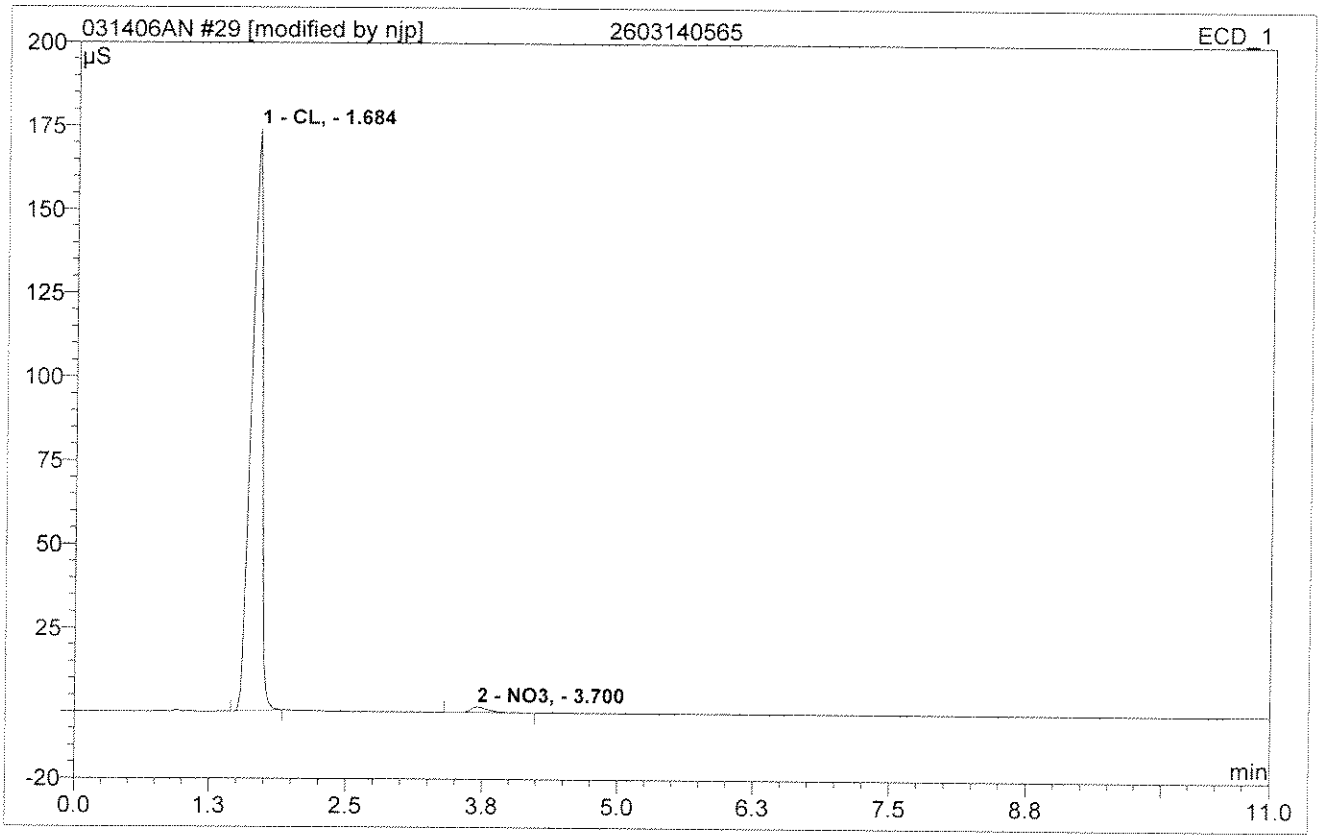
Sample Name:	**2603140563**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 14:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	172.770	19.313409	98.02	112.494	BMB
2	3.68	NO3,	2.092	0.390266	1.98	1.654	BMB
Total:			174.862	19.704	100.00	114.148	

29 2603140565

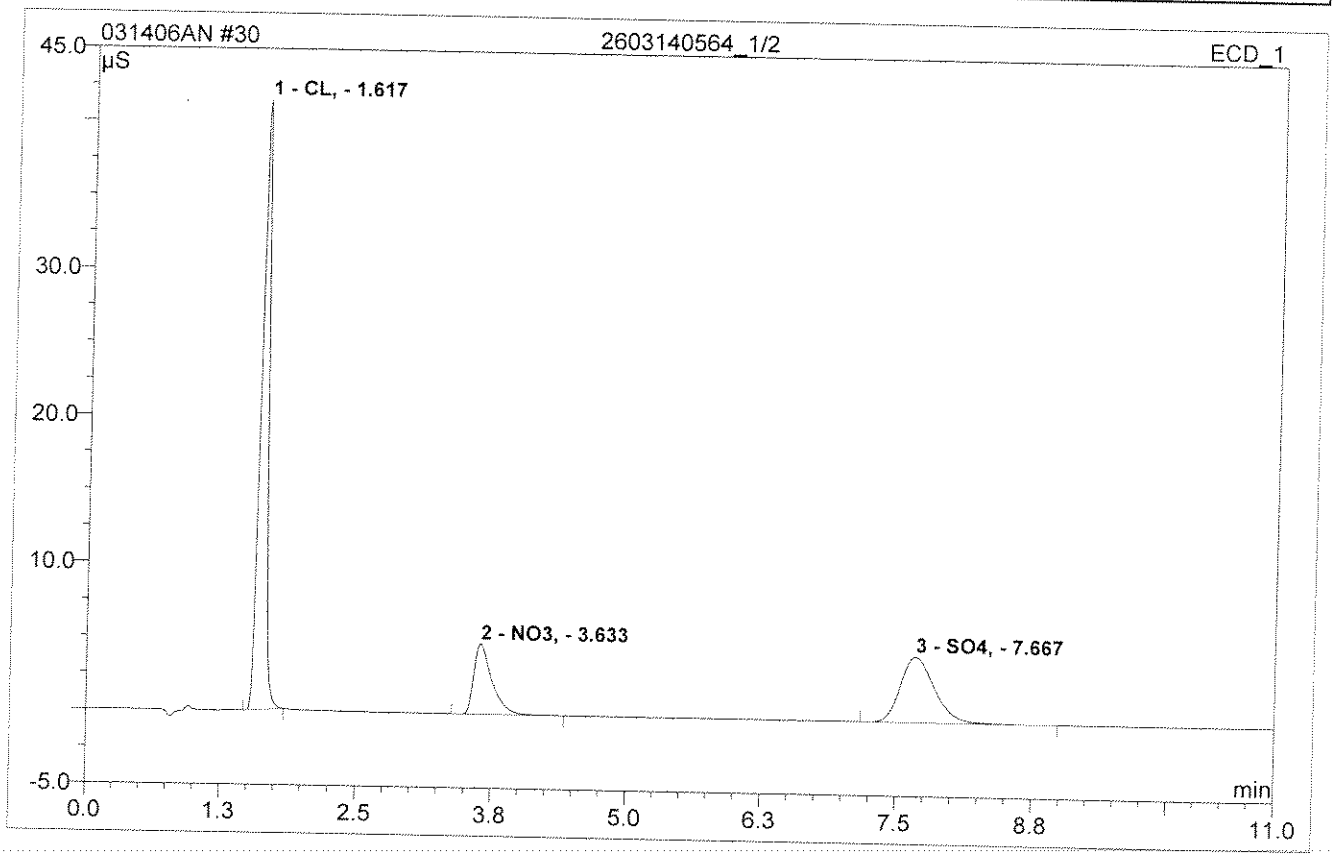
Sample Name:	**2603140565**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 14:24**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	173.884	19.677477	98.44	113.993	BMB
2	3.70	NO3,	1.703	0.311974	1.56	1.327	BMB
Total:			175.586	19.989	100.00	115.320	

30 2603140564_1/2

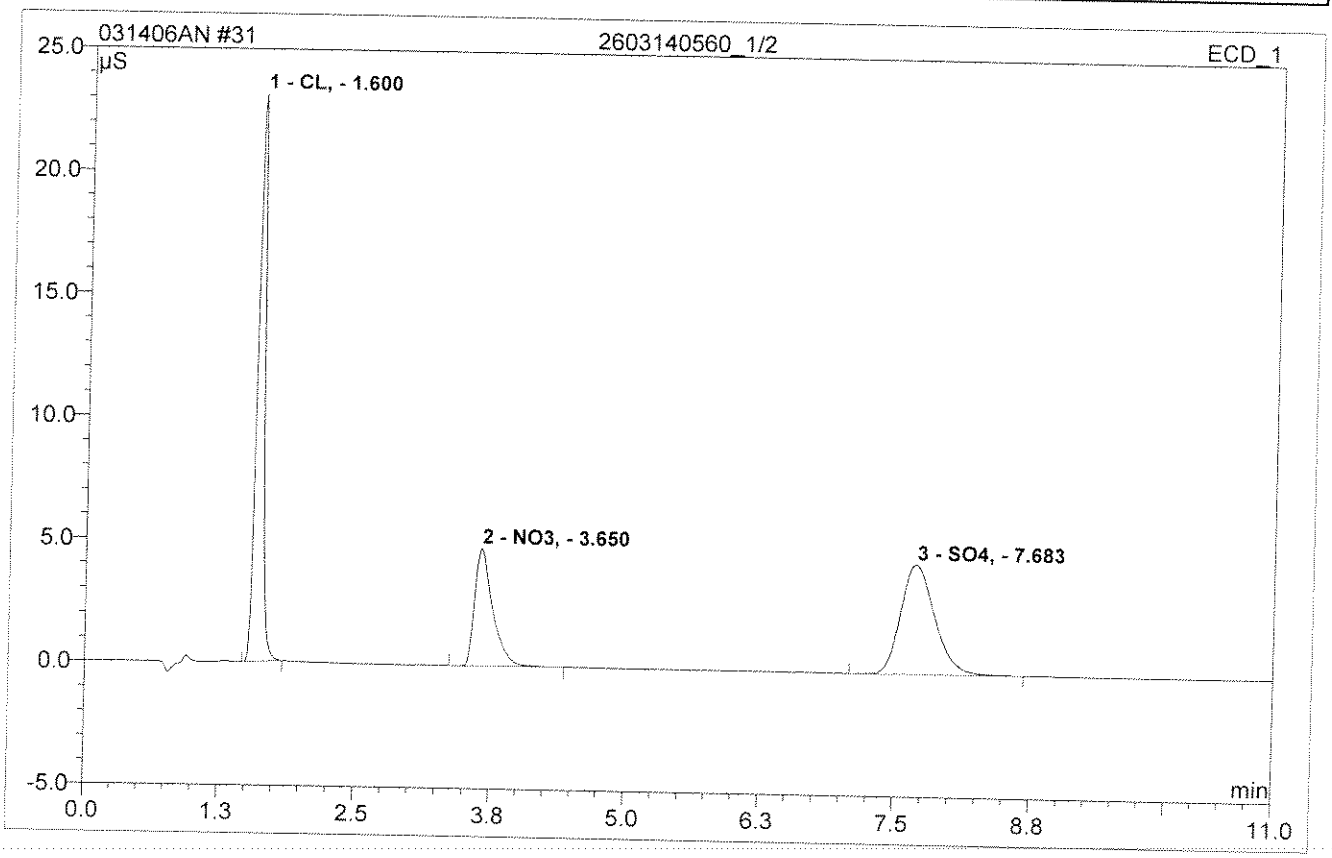
Sample Name:	**2603140564_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 14:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	41.425	3.217441	55.71	54.330	BMB
2	3.63	NO3,	4.752	0.928153	16.07	7.684	BMB
3	7.67	SO4,	4.456	1.629543	28.22	46.302	BMB
Total:			50.633	5.775	100.00	108.316	

31 2603140560_1/2

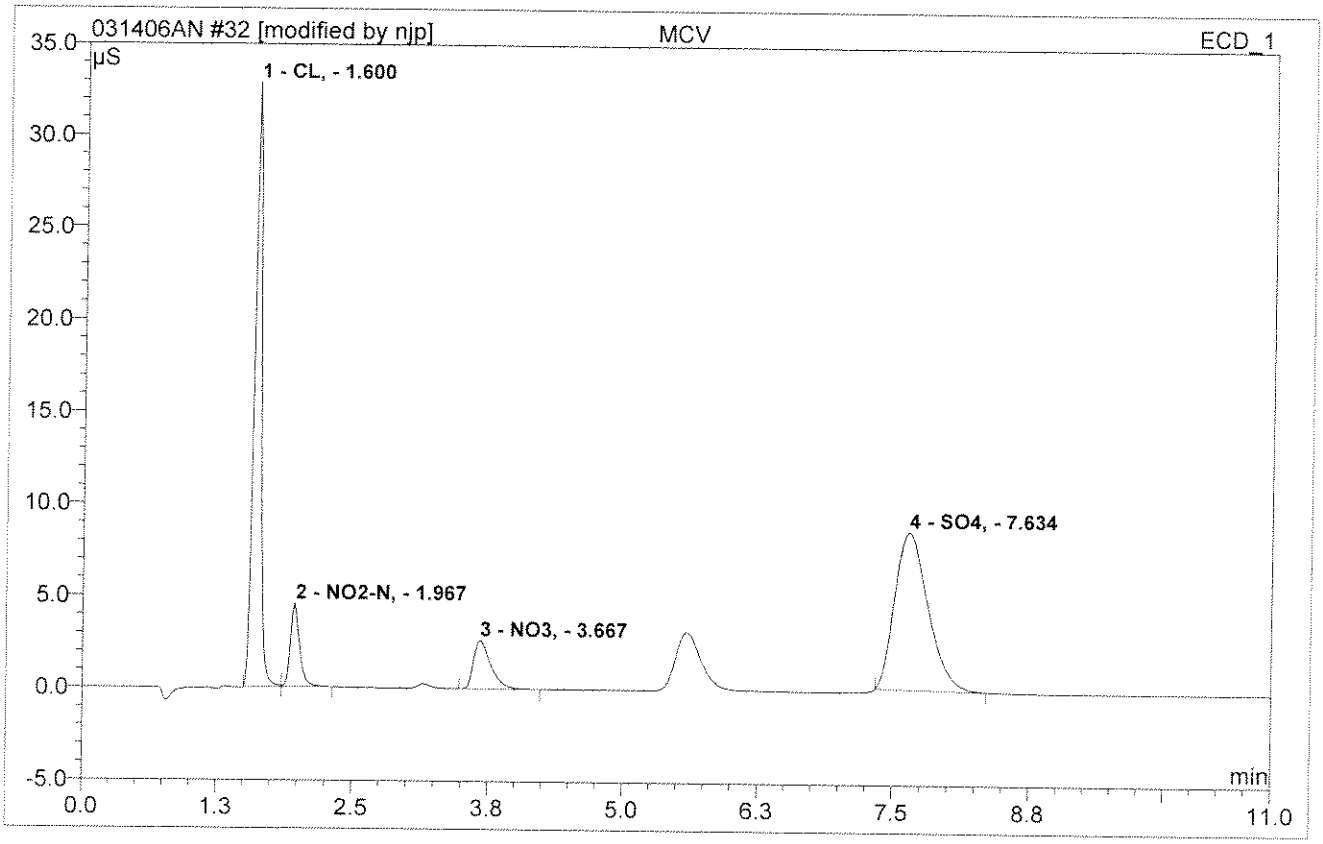
Sample Name:	**2603140560_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 14:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	23.146	1.776498	41.04	31.883	BMB
2	3.65	NO3,	4.778	0.927262	21.42	7.677	BMB
3	7.68	SO4,	4.447	1.625036	37.54	46.181	BMB
Total:			32.370	4.329	100.00	85.741	

32 MCV

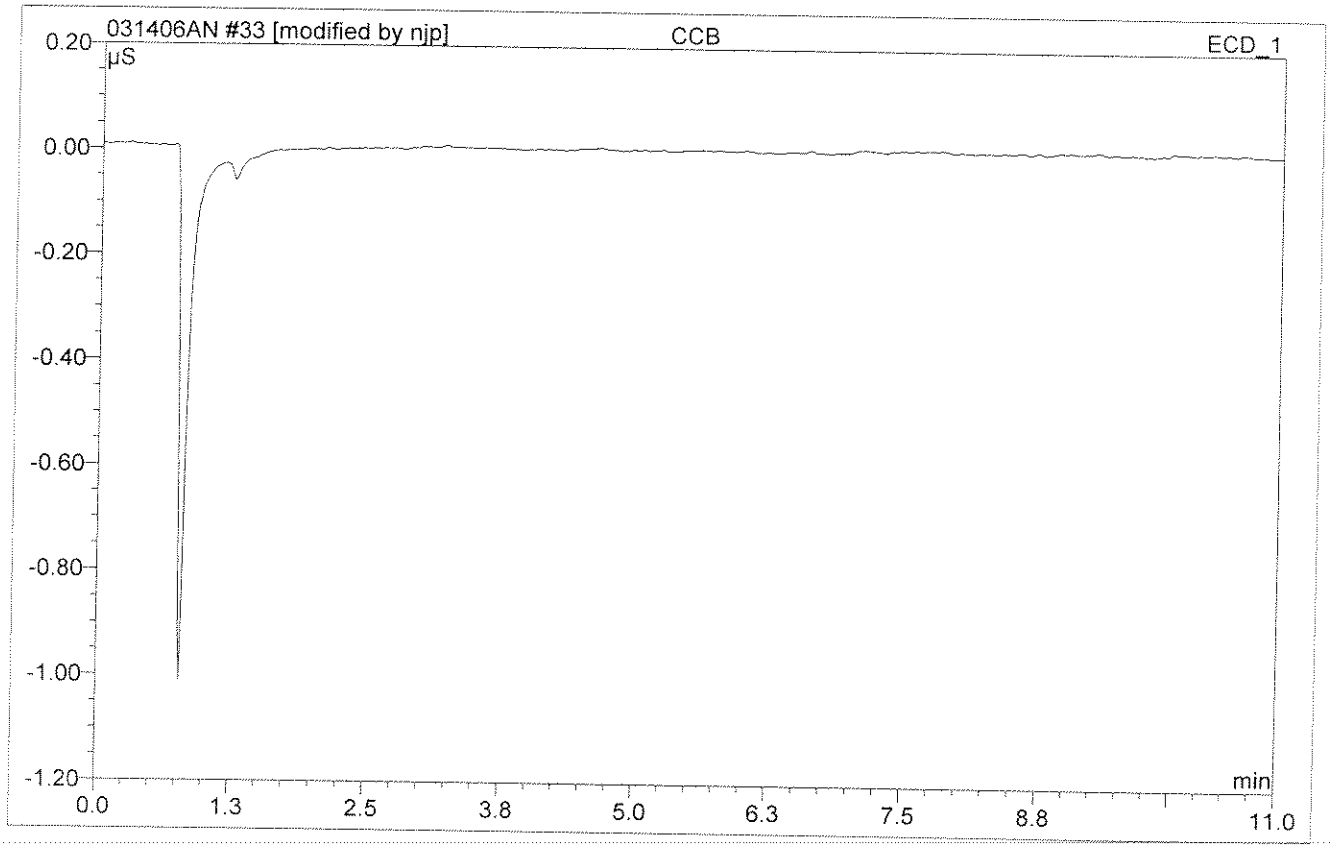
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 15:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	32.834	2.481434	38.42	21.585	BM *
2	1.97	NO2-N,	4.505	0.445124	6.89	2.037	MB*
3	3.67	NO3,	2.629	0.492914	7.63	2.079	BMB
4	7.63	SO4,	8.551	3.039397	47.06	41.230	BMB*
Total:			48.519	6.459	100.00	66.931	

33 CCB

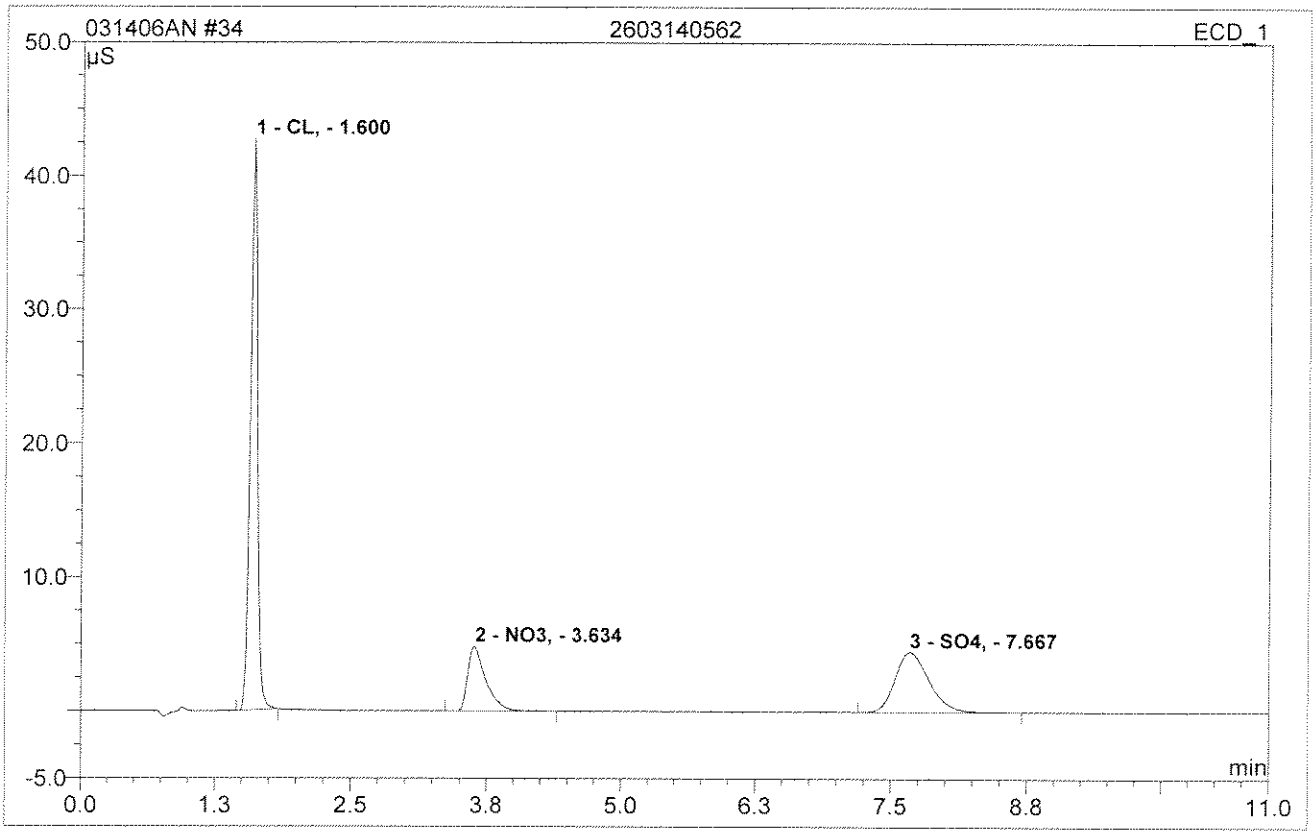
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**24**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 15:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 2603140562

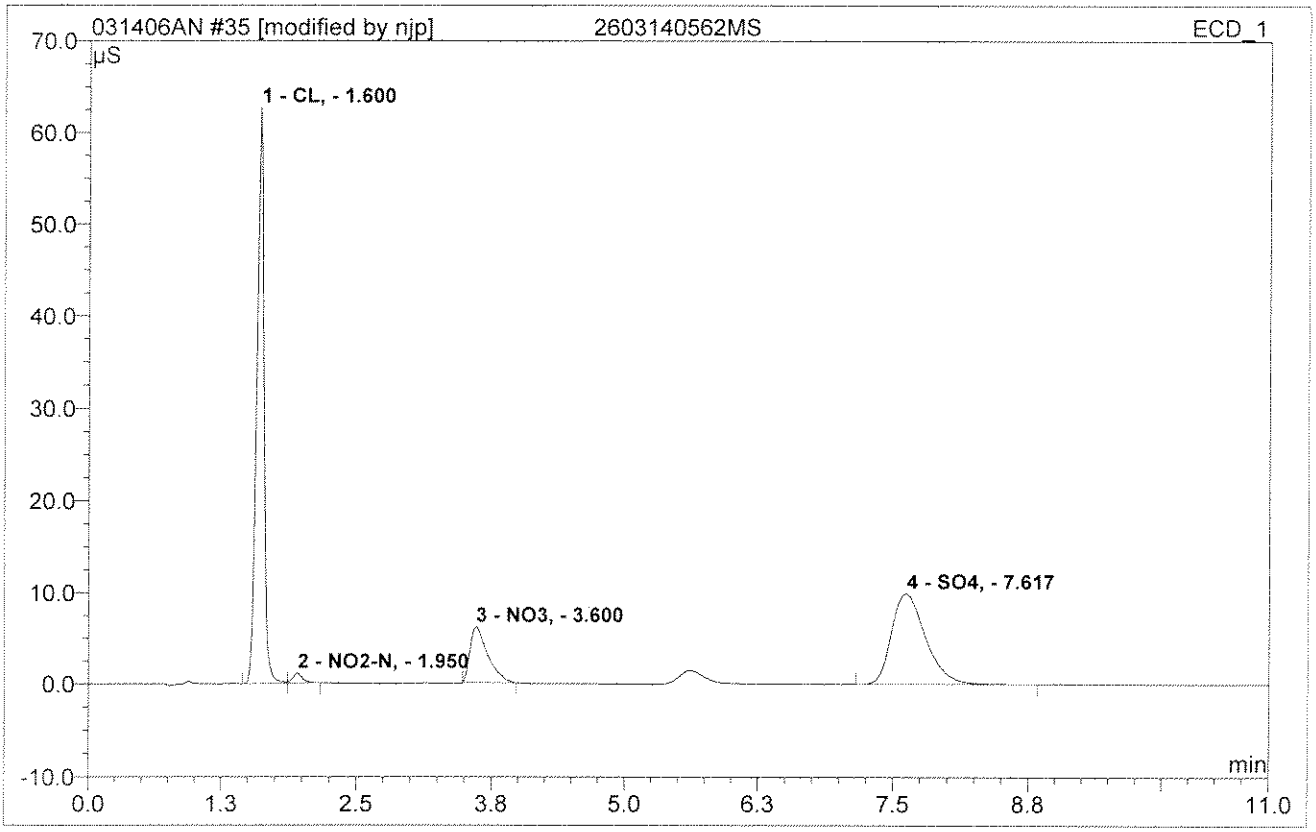
Sample Name:	**2603140562**	*Injection Volume:*	**1000.0**
Vial Number:	**25**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 15:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	42.685	3.215588	55.64	54.303	BMB
2	3.63	NO3,	4.810	0.929801	16.09	7.697	BMB
3	7.67	SO4,	4.456	1.634265	28.28	46.429	BMB
Total:			51.952	5.780	100.00	108.428	

35 2603140562MS

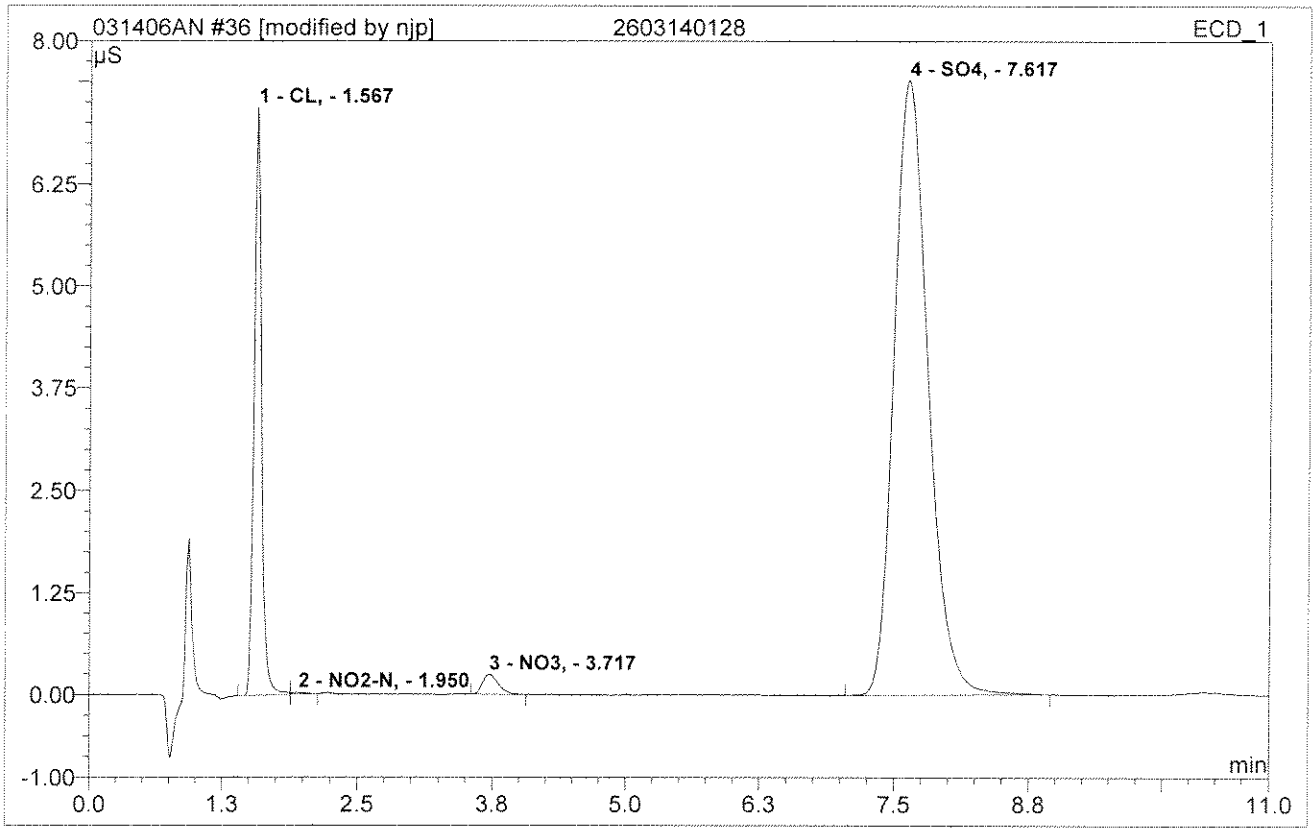
Sample Name:	**2603140562MS**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 15:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	62.730	4.955802	50.07	78.647	BM *
2	1.95	NO2-N,	1.093	0.113419	1.15	1.053	MB*
3	3.60	NO3,	6.127	1.166976	11.79	9.565	BMB*
4	7.62	SO4,	9.933	3.661506	36.99	97.504	BMB
Total:			79.884	9.898	100.00	186.769	

36 2603140128

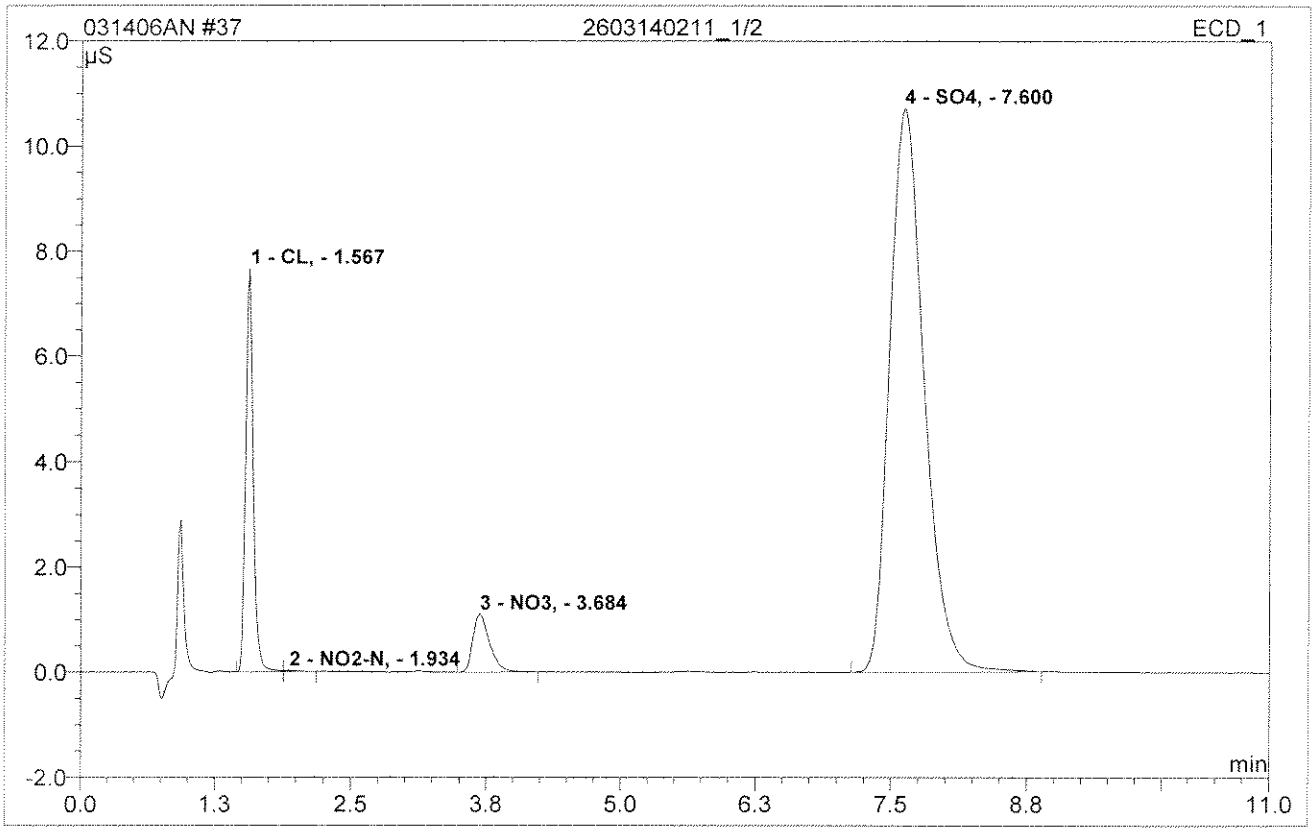
Sample Name:	**2603140128**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 15:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	7.192	0.566198	16.81	5.400	BM *
2	1.95	NO2-N,	0.023	0.003036	0.09	0.014	MB*
3	3.72	NO3,	0.242	0.042041	1.25	0.181	BMB
4	7.62	SO4,	7.520	2.756891	81.85	37.728	BMB
Total:			14.977	3.368	100.00	43.323	

37 2603140211_1/2

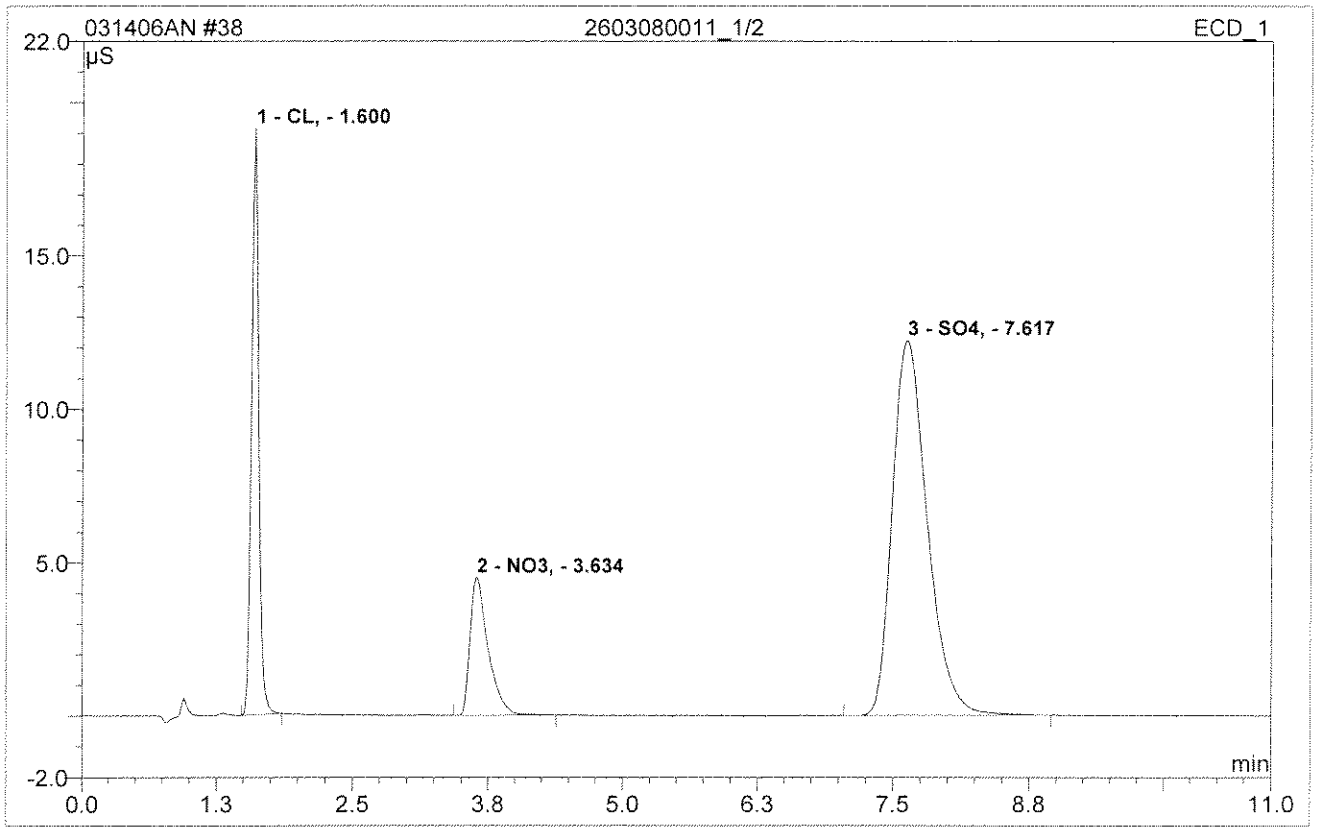
Sample Name:	**2603140211_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 16:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	7.670	0.611085	12.80	11.627	BM
2	1.93	NO2-N,	0.022	0.003179	0.07	0.030	MB
3	3.68	NO3,	1.107	0.199961	4.19	1.710	BMB
4	7.60	SO4,	10.723	3.960761	82.95	104.567	BMB
Total:			19.522	4.775	100.00	117.933	

38 2603080011_1/2

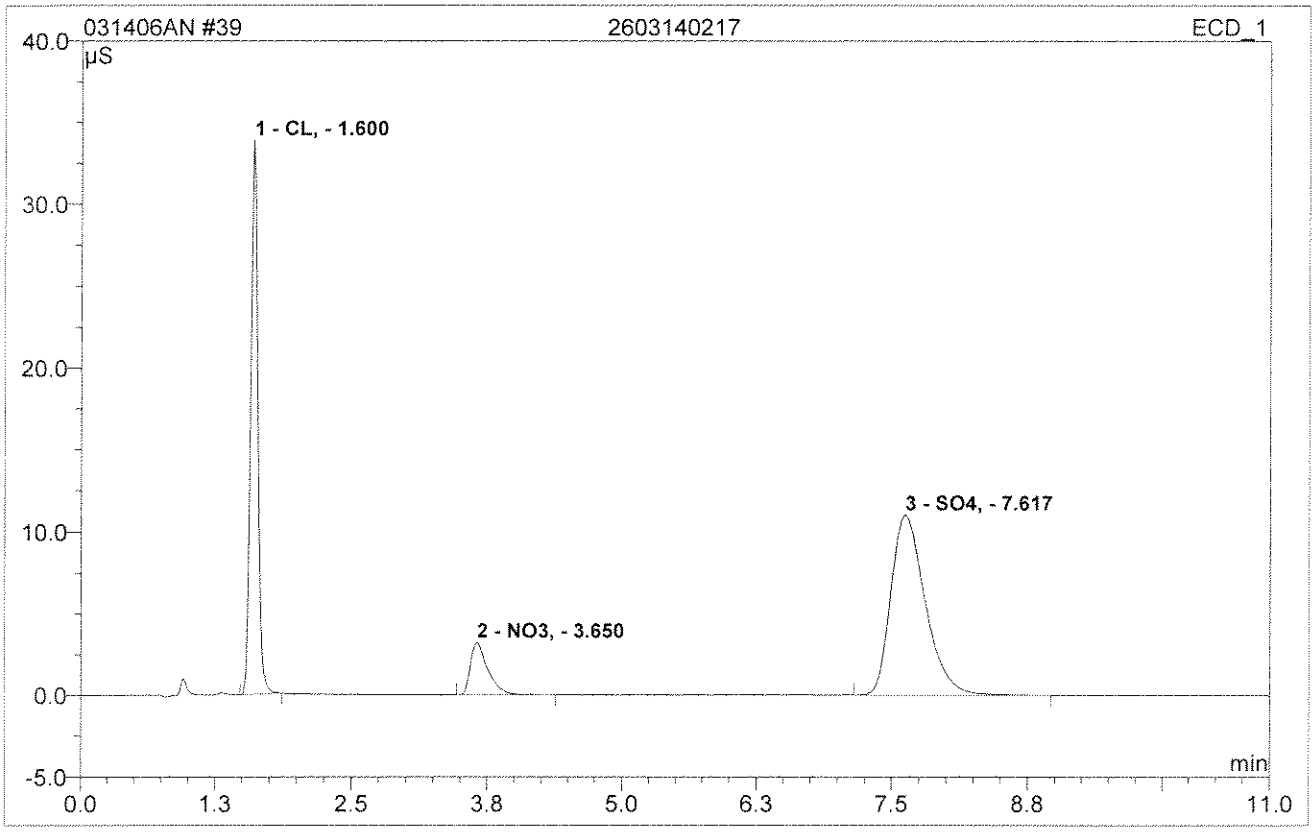
Sample Name:	**2603080011_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 16:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	19.126	1.439124	20.97	26.243	BMB
2	3.63	NO3,	4.511	0.875216	12.75	7.262	BMB
3	7.62	SO4,	12.237	4.547714	66.27	118.117	BMB
Total:			35.874	6.862	100.00	151.622	

39 2603140217

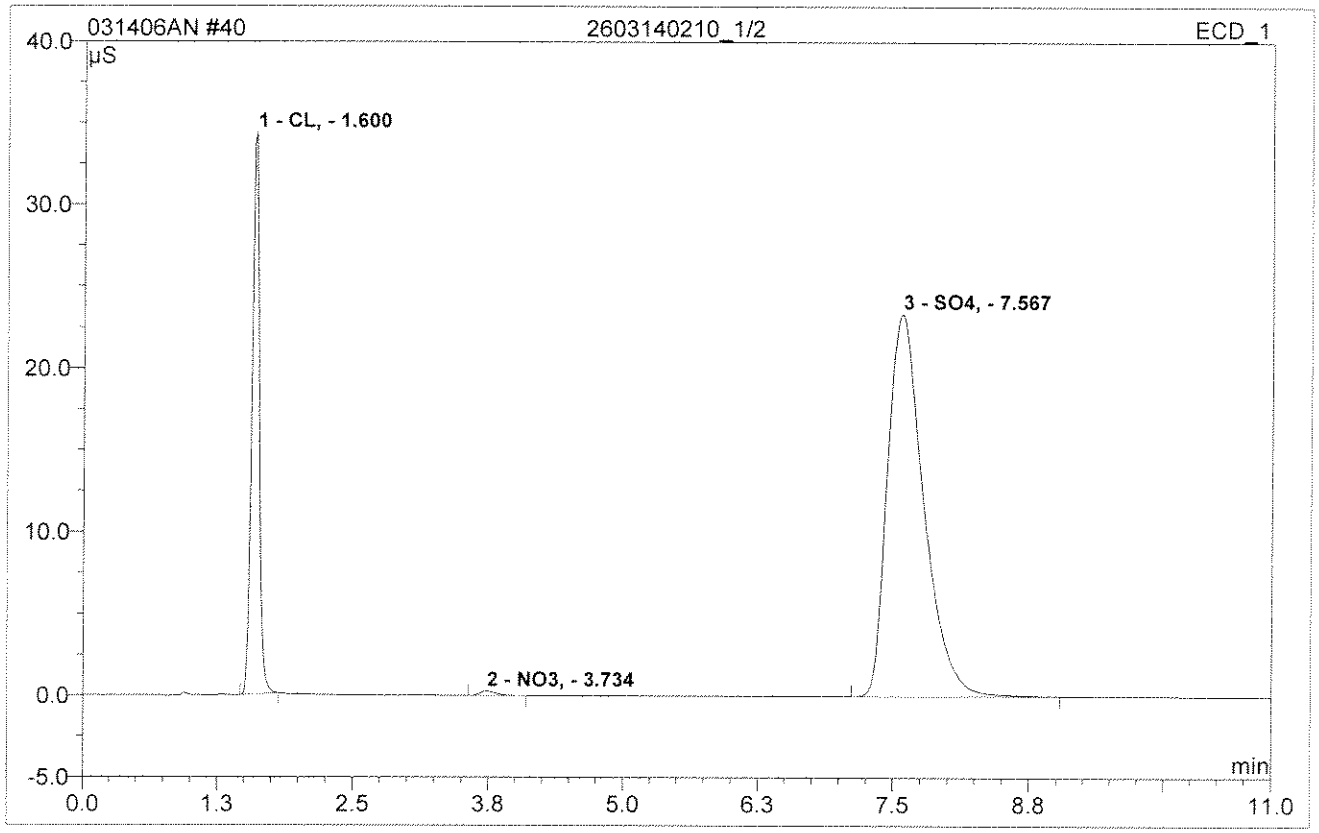
Sample Name:	**2603140217**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 16:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	33.853	2.543704	35.27	22.069	BMB
2	3.65	NO3,	3.238	0.608994	8.45	2.556	BMB
3	7.62	SO4,	11.009	4.058475	56.28	53.425	BMB
Total:			48.100	7.211	100.00	78.050	

40 2603140210_1/2

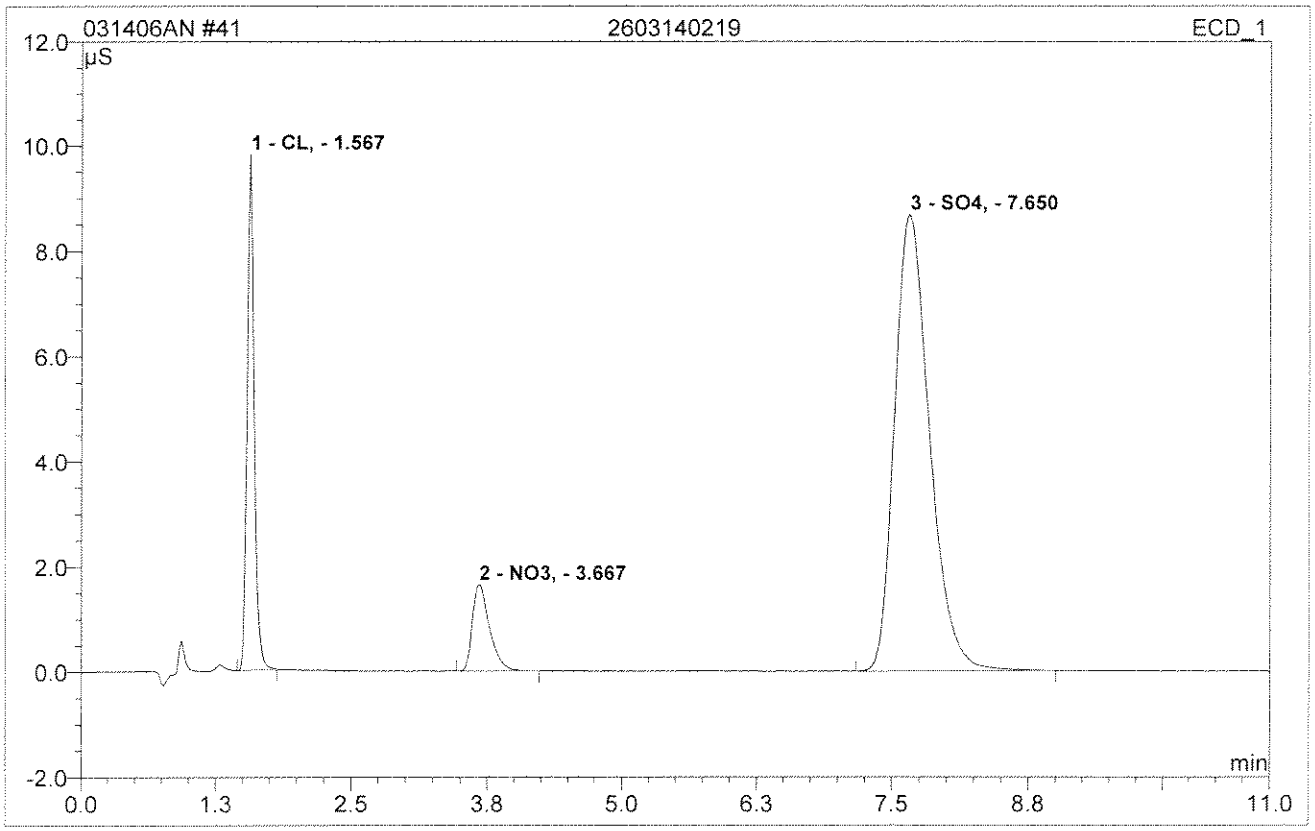
Sample Name:	**2603140210_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 16:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	34.344	2.672850	22.67	46.131	BMB
2	3.73	NO3,	0.276	0.048937	0.42	0.421	BMB
3	7.57	SO4,	23.361	9.066410	76.91	211.756	BMB
Total:			57.981	11.788	100.00	258.308	

41 2603140219

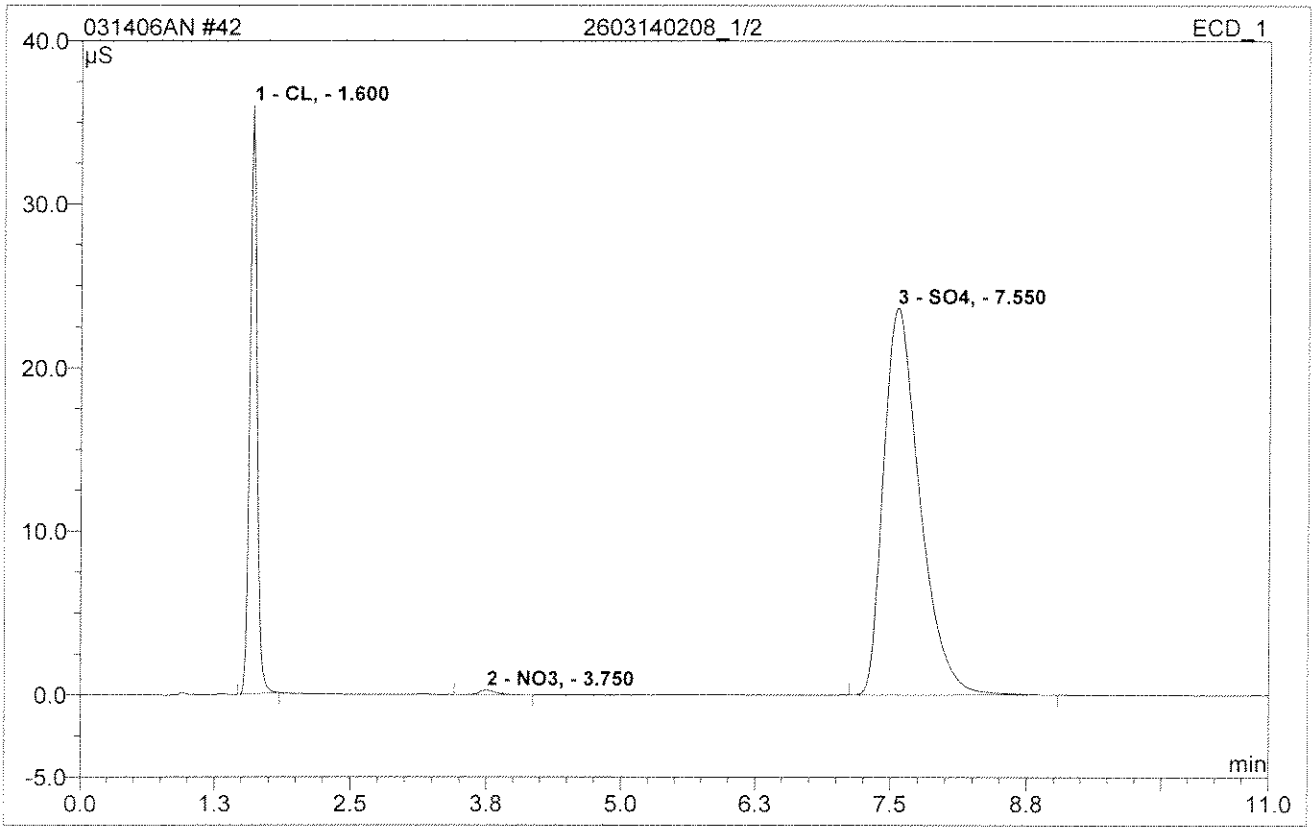
Sample Name:	**2603140219**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 17:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	9.801	0.739357	17.34	6.985	BMB
2	3.67	NO3,	1.648	0.302043	7.08	1.285	BMB
3	7.65	SO4,	8.678	3.222112	75.57	43.465	BMB
Total:			20.127	4.264	100.00	51.736	

42 2603140208_1/2

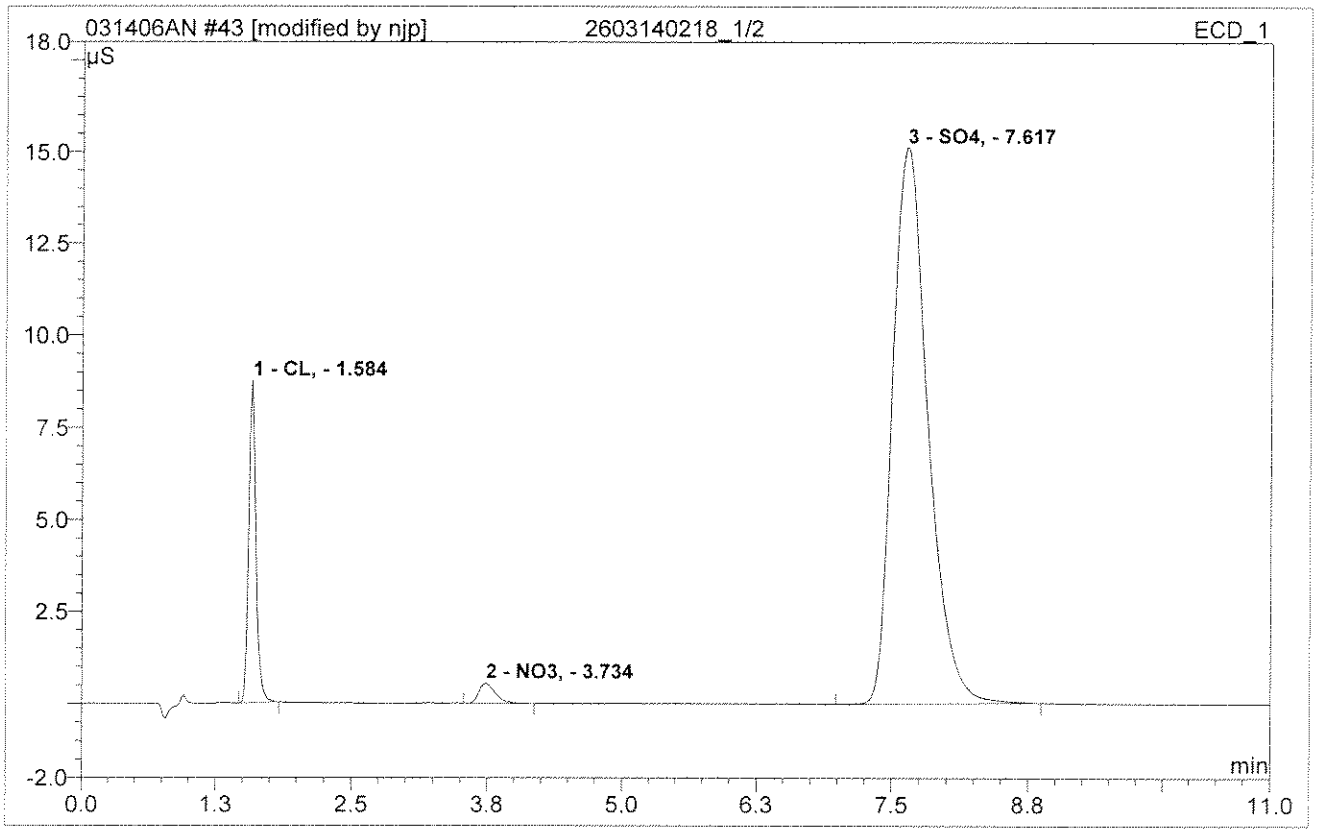
Sample Name:	**2603140208_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 17:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	35.980	2.722384	22.81	46.890	BMB
2	3.75	NO3,	0.276	0.049578	0.42	0.427	BMB
3	7.55	SO4,	23.625	9.162108	76.77	213.574	BMB
Total:			59.881	11.934	100.00	260.891	

43 2603140218_1/2

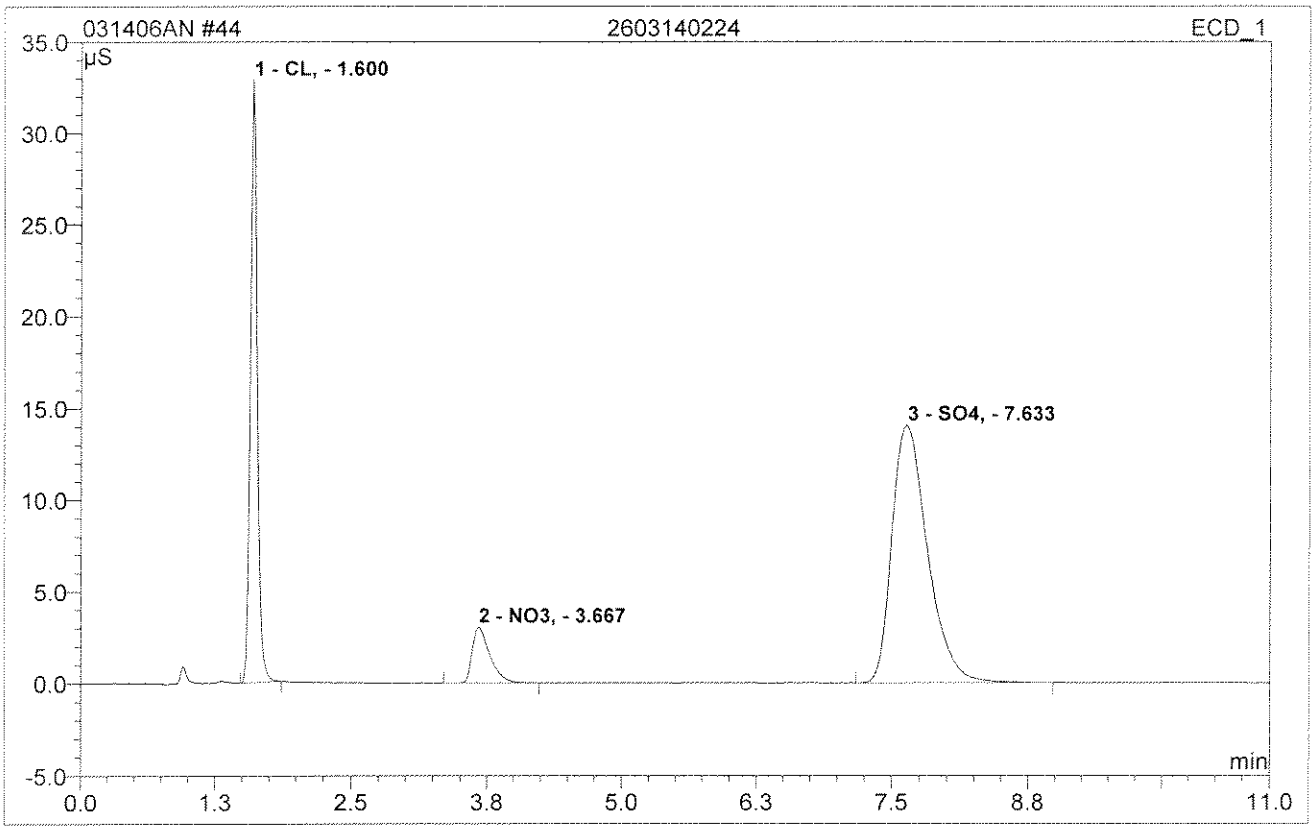
Sample Name:	**2603140218_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 17:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	8.745	0.675626	10.43	12.810	BMB
2	3.73	NO3,	0.549	0.097291	1.50	0.836	BMB
3	7.62	SO4,	15.119	5.706789	88.07	143.802	BMB
Total:			24.413	6.480	100.00	157.448	

44 2603140224

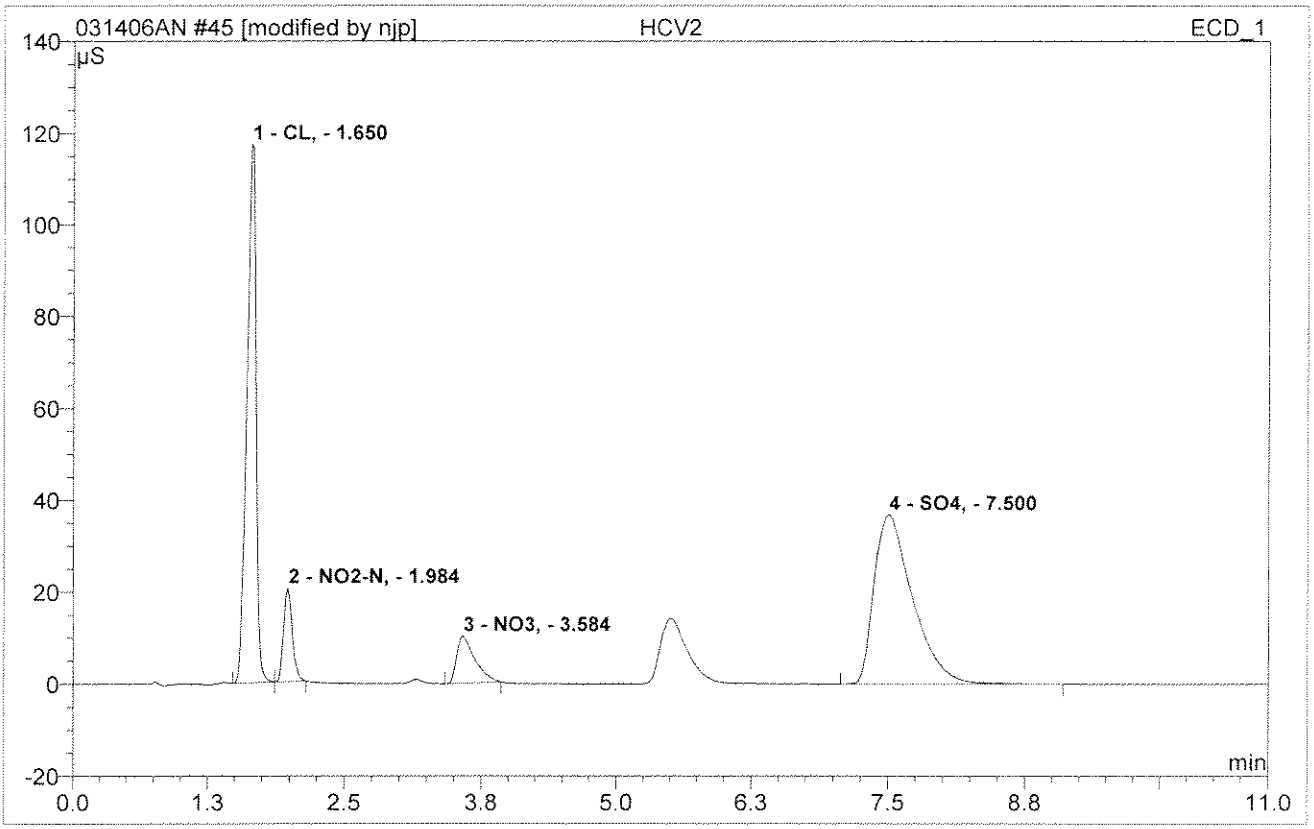
Sample Name:	**2603140224**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 17:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	32.845	2.456782	29.51	21.393	BMB
2	3.67	NO3,	3.025	0.573670	6.89	2.411	BMB
3	7.63	SO4,	14.061	5.294846	63.60	67.413	BMB
Total:			49.932	8.325	100.00	91.218	

45 HCV2

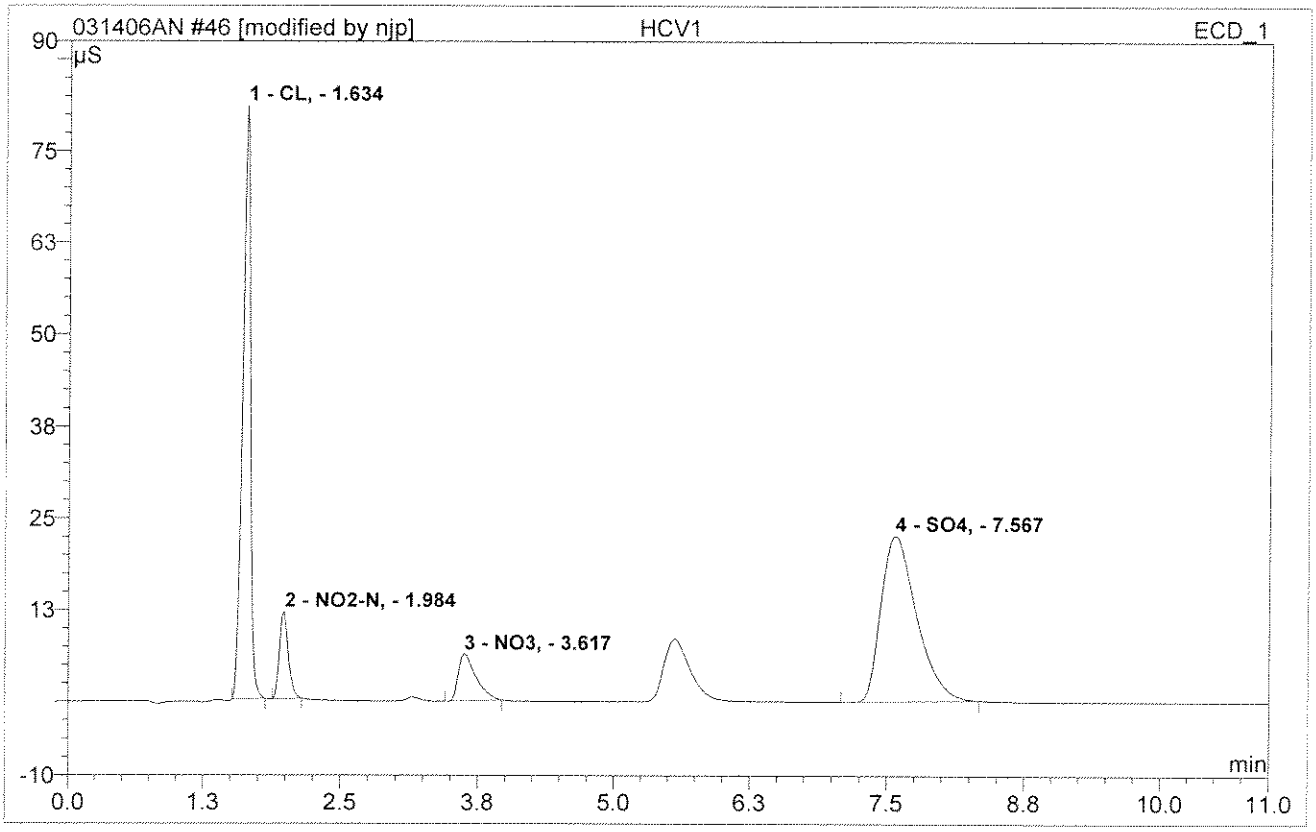
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**26**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 18:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	117.329	11.432949	37.85	76.588	BM *
2	1.98	NO2-N,	20.321	1.848829	6.12	7.996	MB*
3	3.58	NO3,	10.234	1.976603	6.54	7.847	BMB*
4	7.50	SO4,	36.866	14.943959	49.48	157.170	BMB
Total:			184.750	30.202	100.00	249.601	

46 HCV1

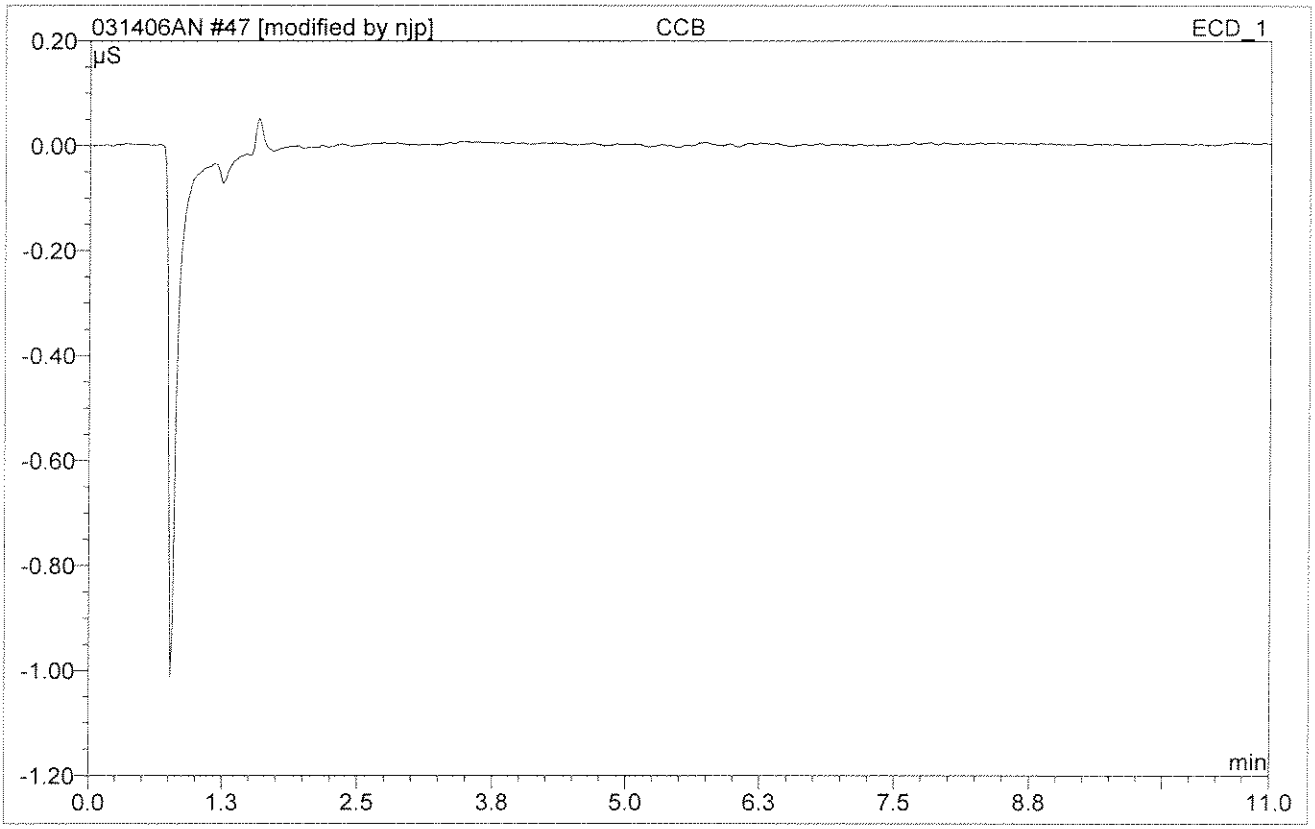
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 18:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	80.872	6.791443	38.56	50.954	BMB*
2	1.98	NO2-N,	11.870	1.097489	6.23	4.886	BMB*
3	3.62	NO3,	6.373	1.209611	6.87	4.949	BMB*
4	7.57	SO4,	22.649	8.515688	48.35	100.591	BMB*
Total:			121.763	17.614	100.00	161.381	

47 CCB

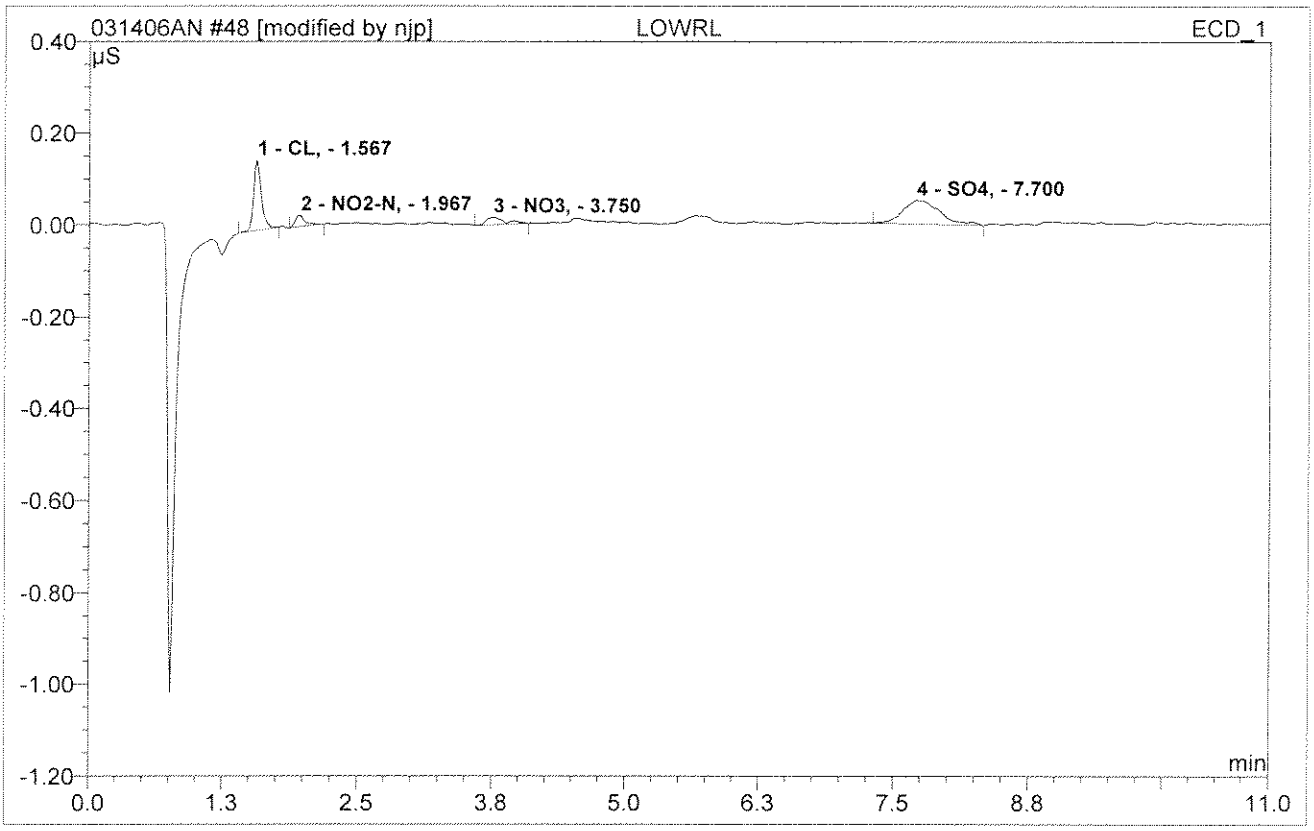
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**27**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 18:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

48 LOWRL

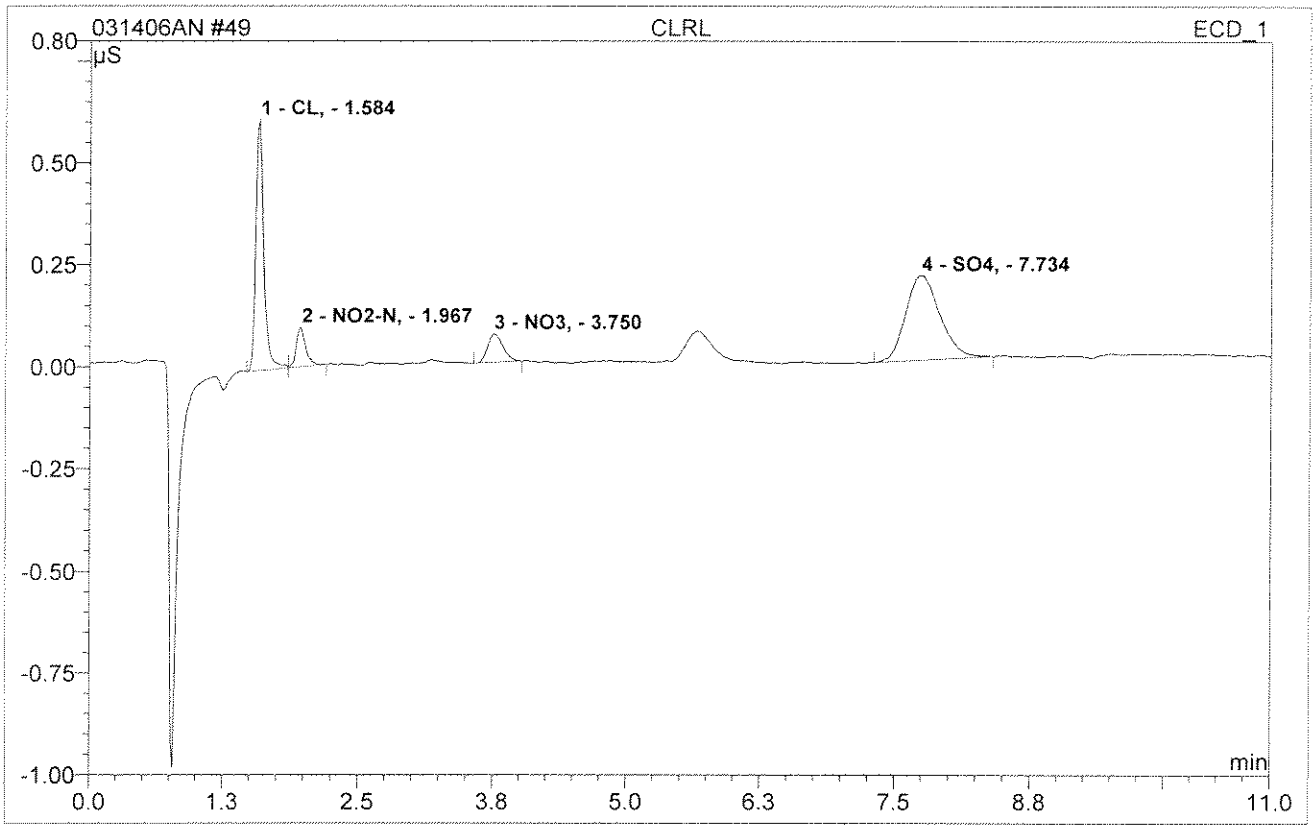
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**28**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 18:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	0.153	0.012807	32.68	0.126	BMB
2	1.97	NO2-N,	0.025	0.002729	6.96	0.013	BMB
3	3.75	NO3,	0.016	0.003211	8.19	0.014	BMB*
4	7.70	SO4,	0.051	0.020443	52.16	0.309	BMB
Total:			0.246	0.039	100.00	0.462	

49 CLRL

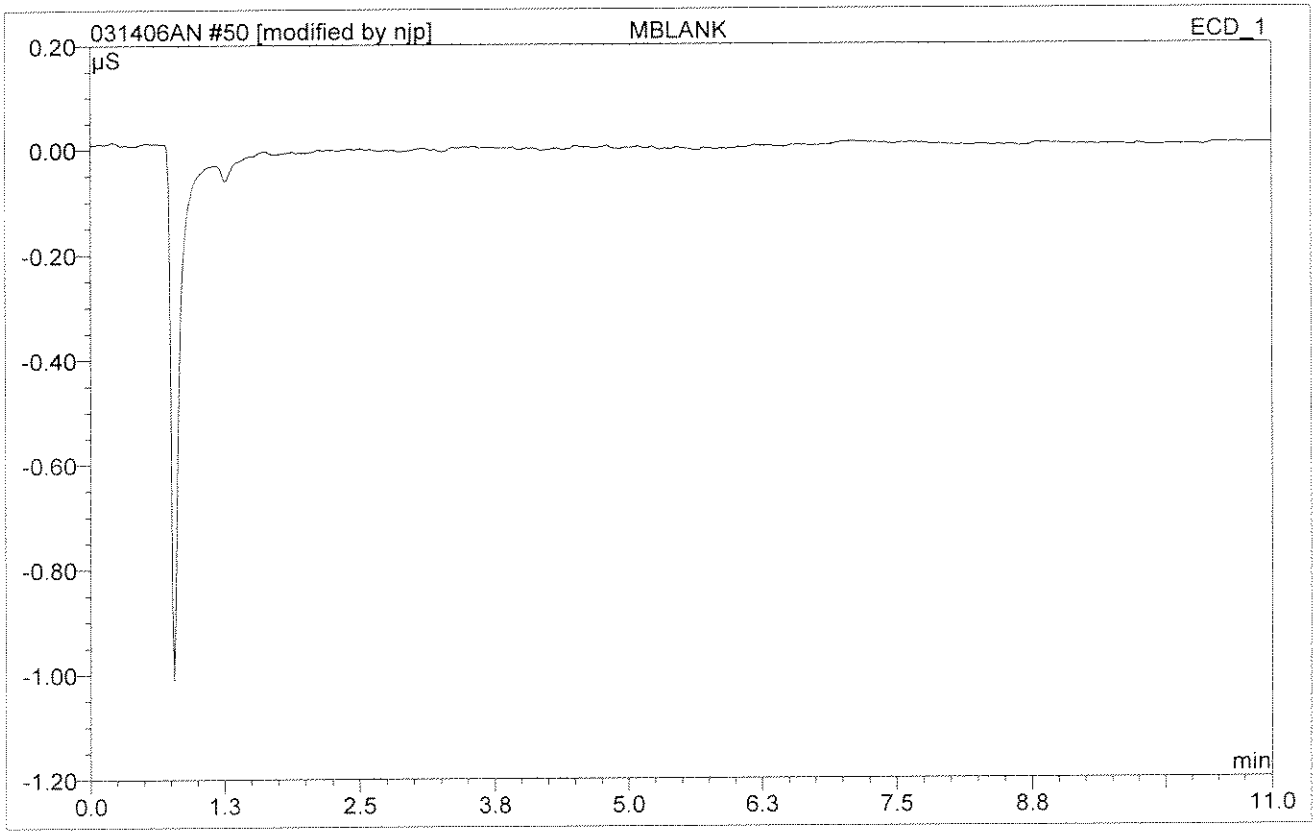
Sample Name:	**CLRL**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 18:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.615	0.052171	34.83	0.512	BM
2	1.97	NO2-N,	0.097	0.009924	6.62	0.046	MB
3	3.75	NO3,	0.071	0.011645	7.77	0.050	BMB
4	7.73	SO4,	0.207	0.076066	50.78	1.147	BMB
Total:			0.990	0.150	100.00	1.756	

50 MBLANK

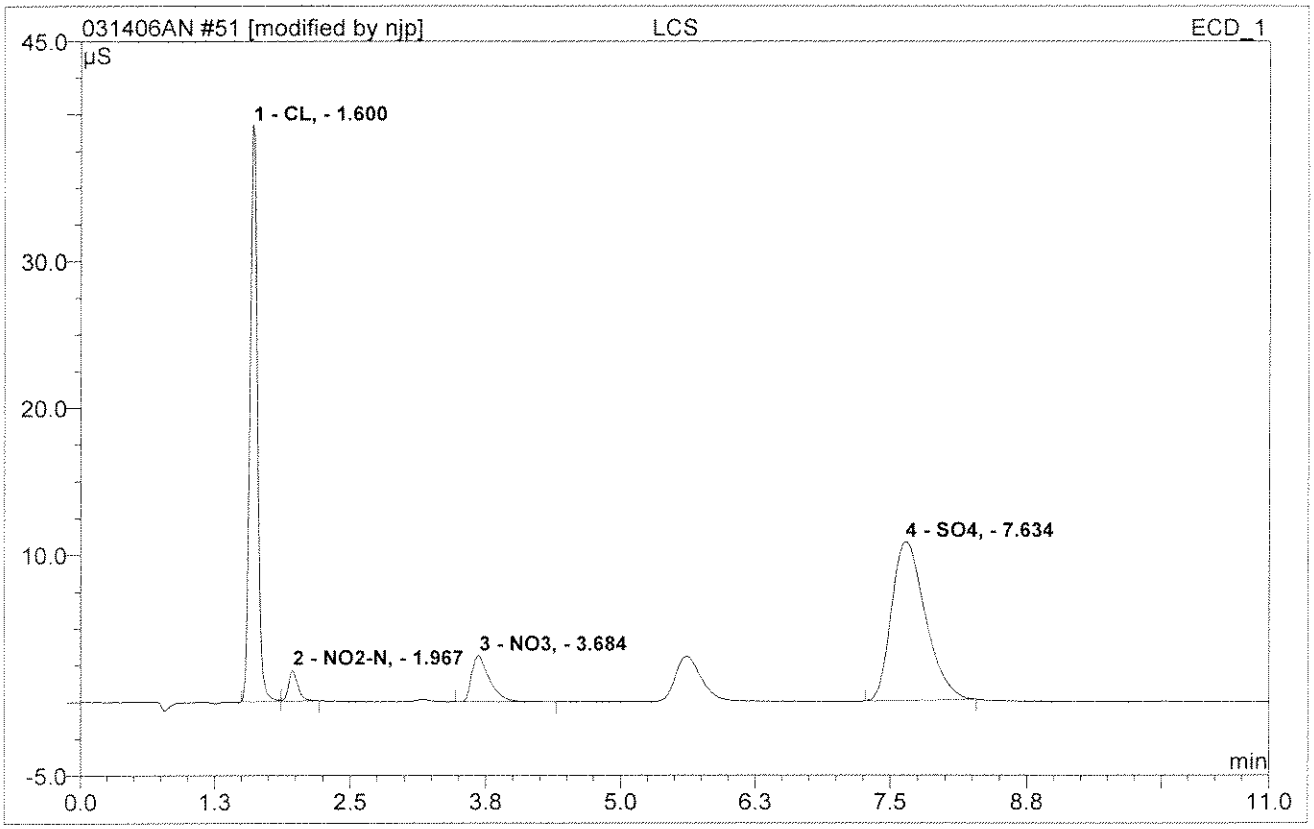
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 19:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

51 LCS

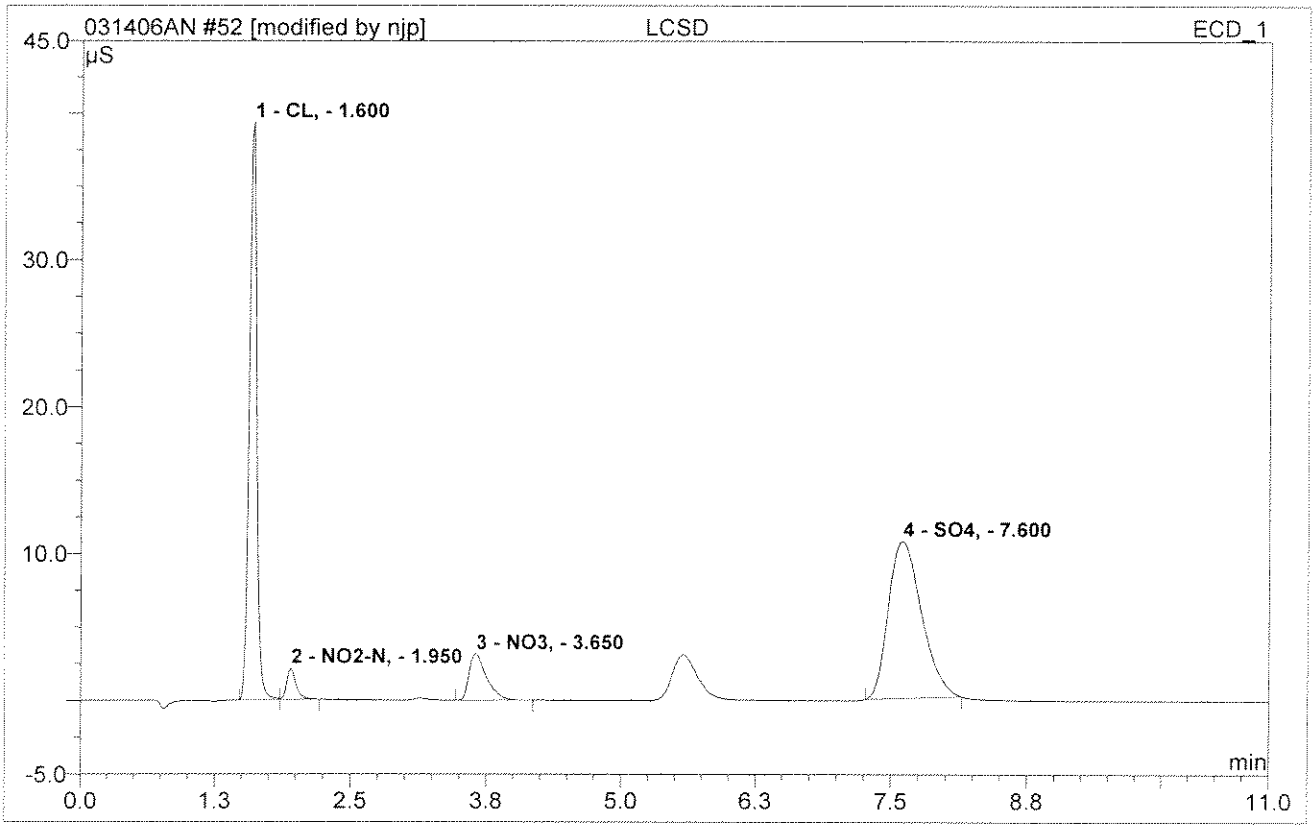
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 19:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	39.208	3.101922	39.60	26.308	BM *
2	1.97	NO2-N,	2.143	0.215654	2.75	0.997	MB*
3	3.68	NO3,	3.168	0.603734	7.71	2.534	BMB
4	7.63	SO4,	10.785	3.912262	49.94	51.715	BMB*
Total:			55.305	7.834	100.00	81.555	

52 LCSD

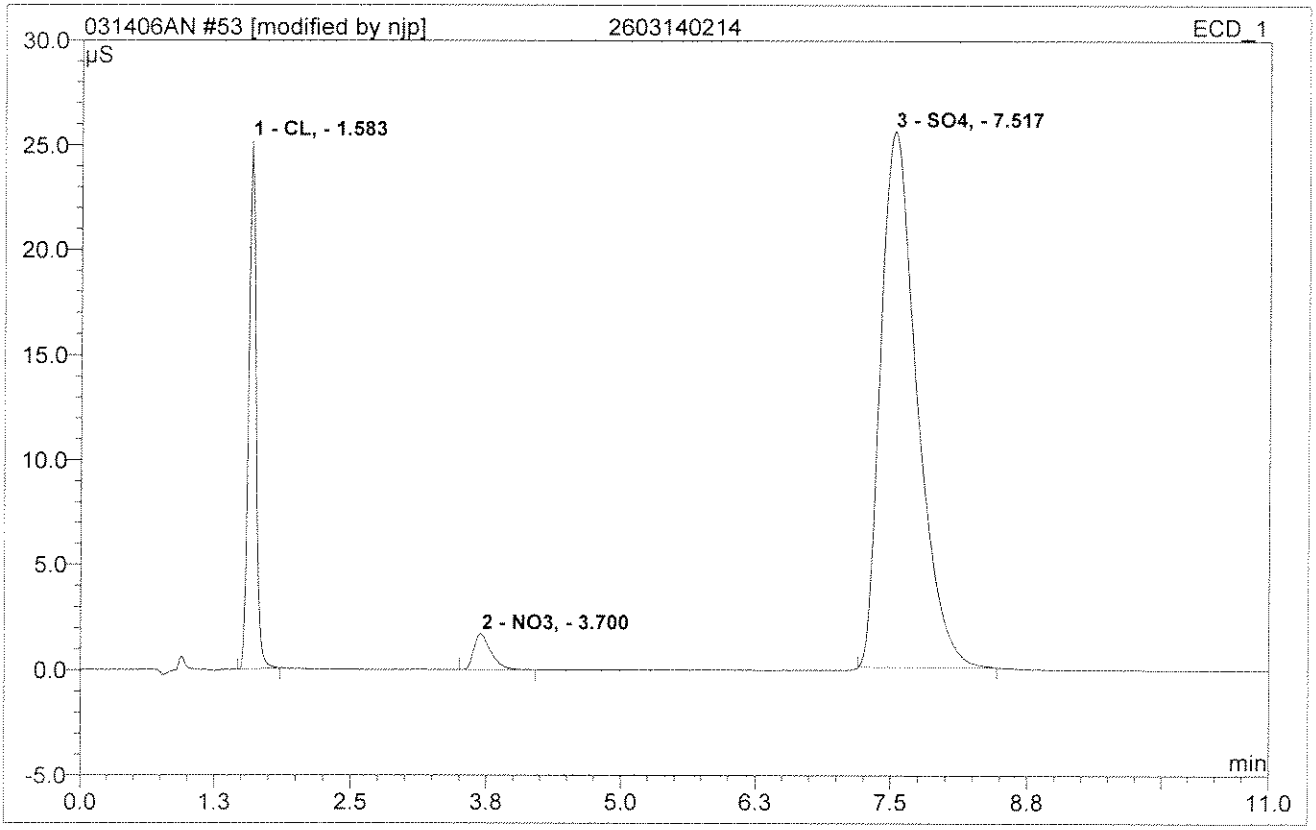
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 19:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	39.359	3.075416	40.03	26.111	BM *
2	1.95	NO2-N,	2.155	0.216558	2.82	1.001	MB*
3	3.65	NO3,	3.178	0.597036	7.77	2.507	BMB
4	7.60	SO4,	10.712	3.794327	49.38	50.326	BMB*
Total:			55.404	7.683	100.00	79.945	

53 2603140214

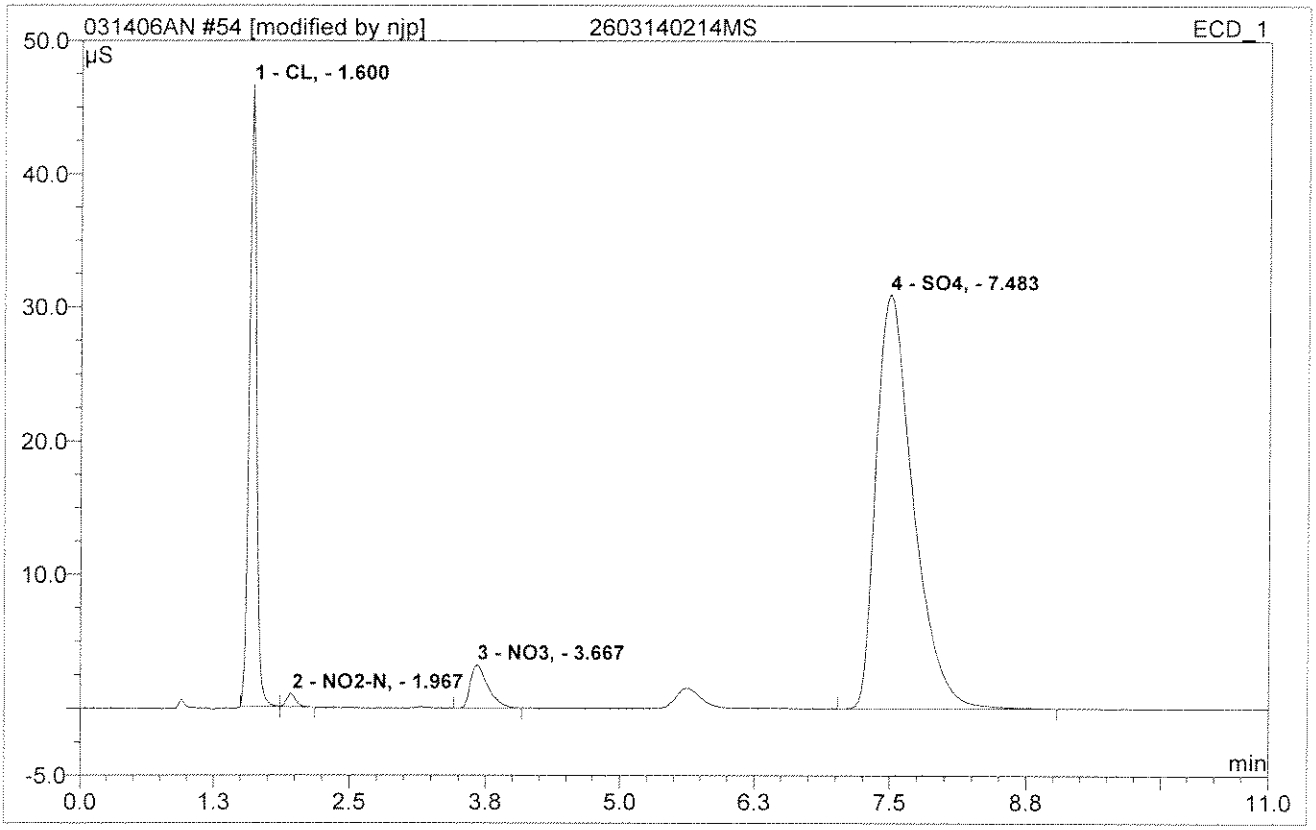
Sample Name:	**2603140214**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 19:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	25.204	1.920994	15.94	34.250	BMB
2	3.70	NO3,	1.703	0.314027	2.61	2.671	BMB
3	7.52	SO4,	25.530	9.818030	81.46	225.879	BMB*
Total:			52.437	12.053	100.00	262.800	

54 2603140214MS

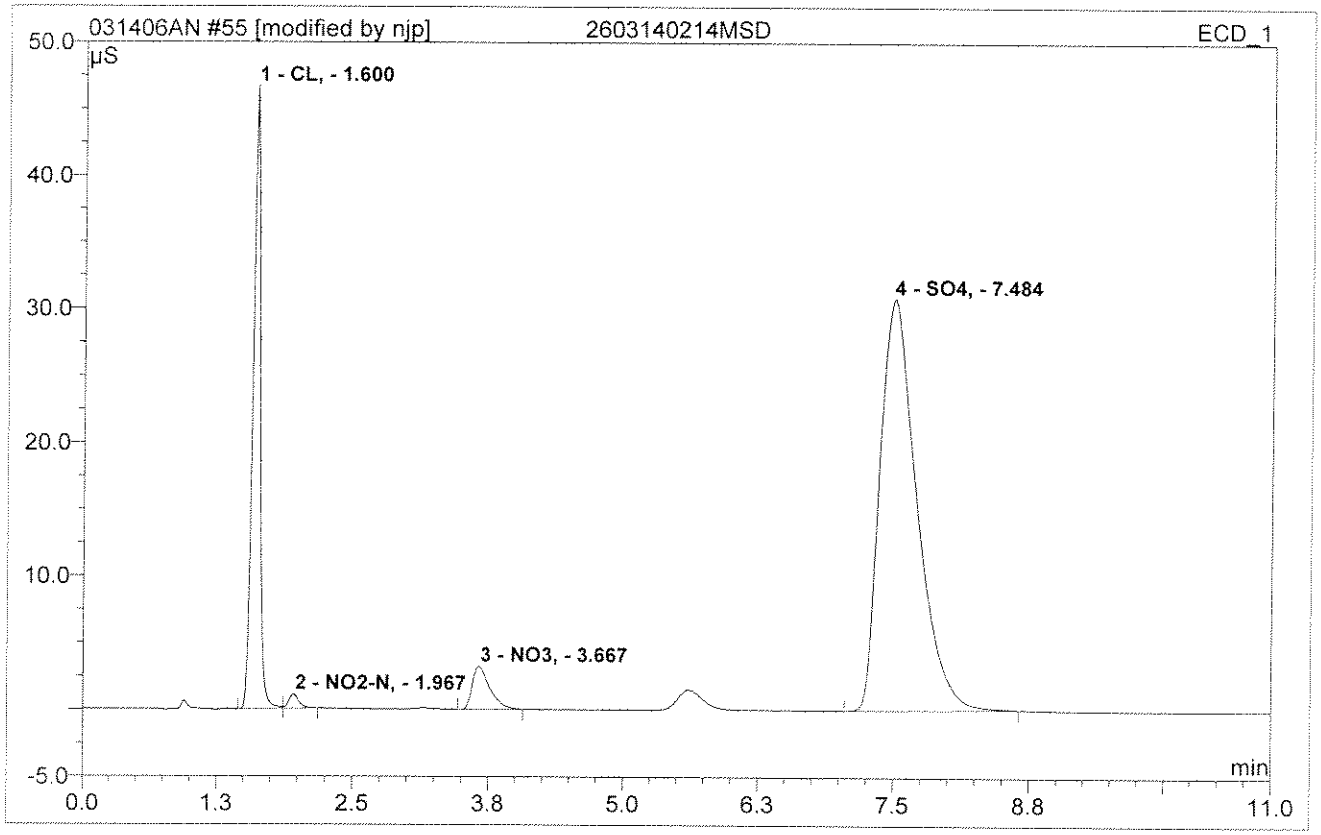
Sample Name:	**2603140214MS**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 20:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	46.575	3.573353	21.58	59.526	BM *
2	1.97	NO2-N,	1.015	0.100823	0.61	0.937	MB*
3	3.67	NO3,	3.245	0.608476	3.67	5.107	BMB*
4	7.48	SO4,	30.963	12.276737	74.14	269.866	BMB
Total:			81.798	16.559	100.00	335.436	

55 2603140214MSD

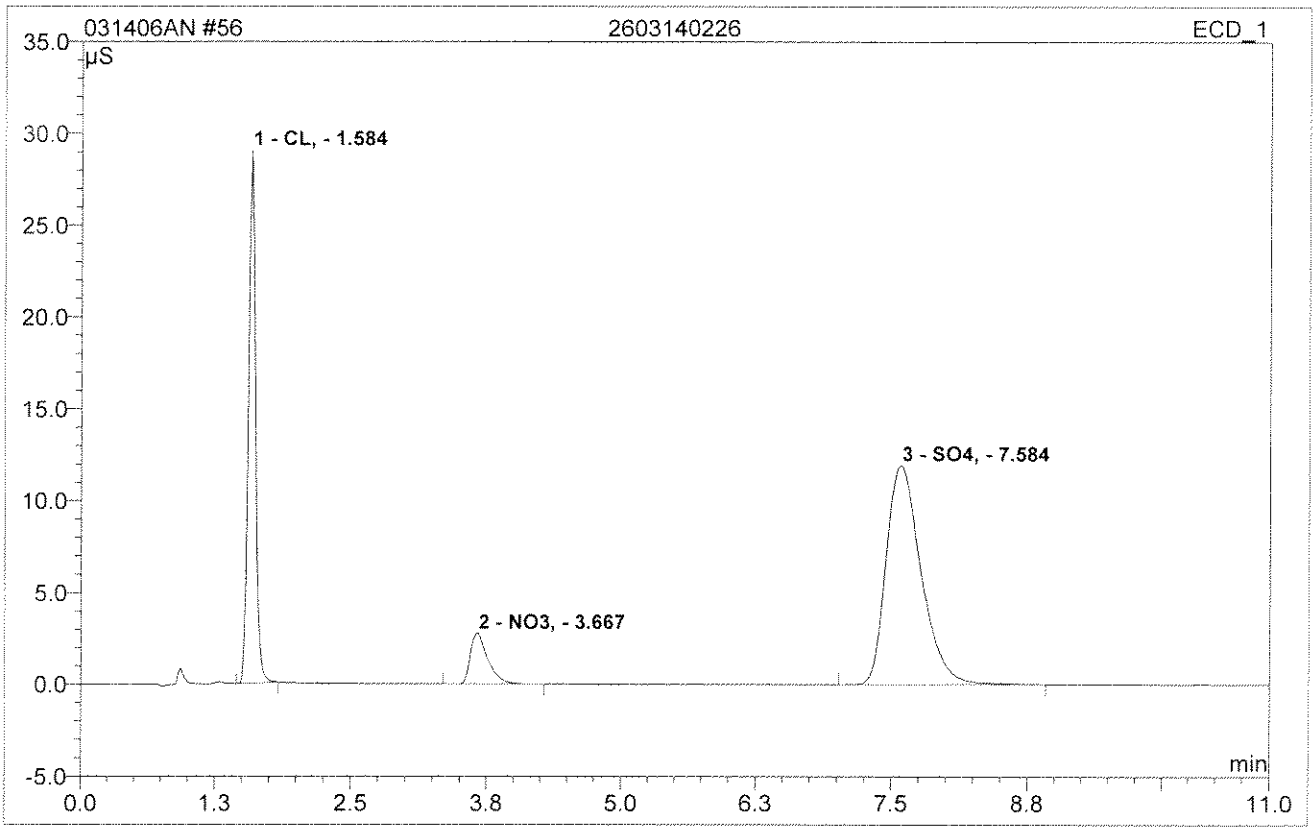
Sample Name:	**2603140214MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 20:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	46.686	3.604980	21.88	59.981	BM *
2	1.97	NO2-N,	1.055	0.111613	0.68	1.037	MB*
3	3.67	NO3,	3.221	0.604361	3.67	5.074	BMB*
4	7.48	SO4,	30.785	12.156283	73.78	267.783	BMB*
Total:			81.747	16.477	100.00	333.875	

56 2603140226

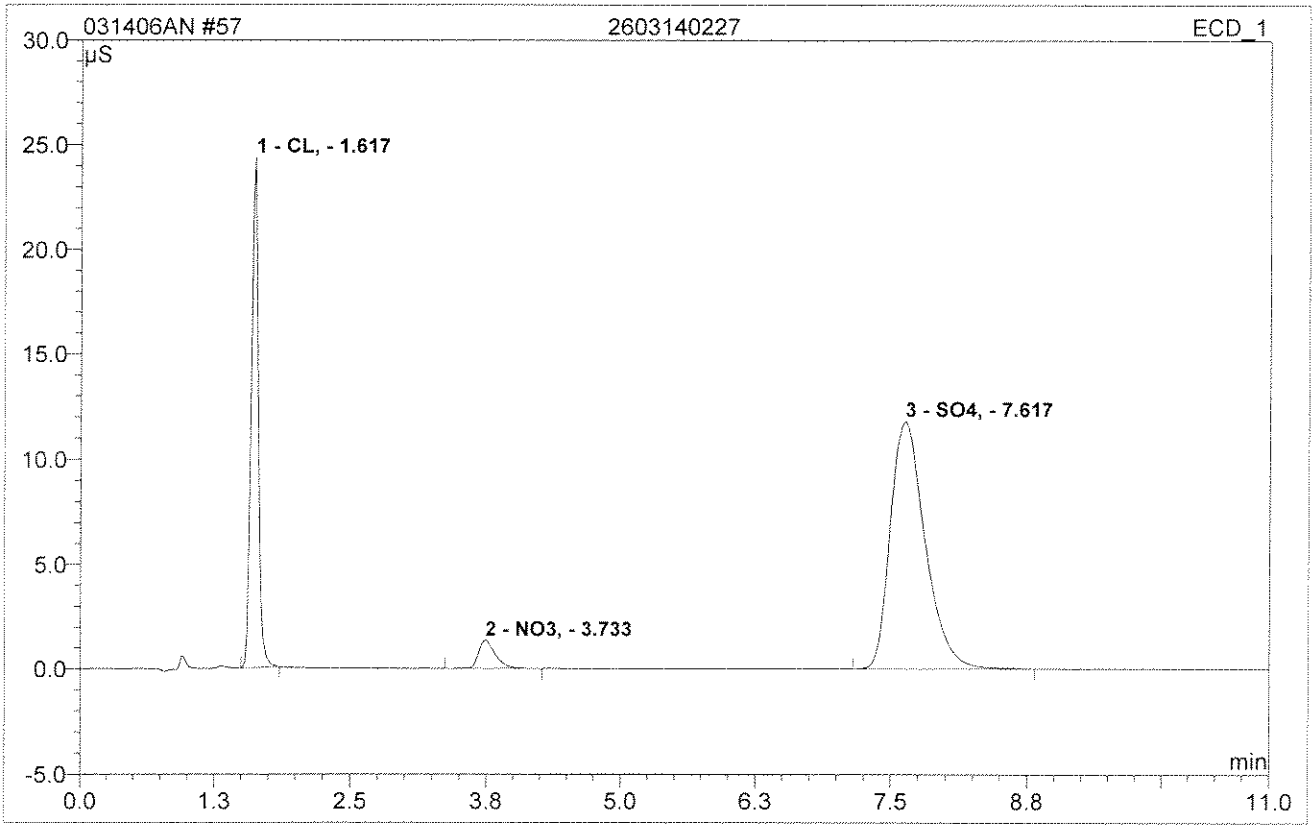
Sample Name:	**2603140226**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 20:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	29.040	2.162501	30.31	19.071	BMB
2	3.67	NO3,	2.757	0.522754	7.33	2.202	BMB
3	7.58	SO4,	11.928	4.448318	62.36	57.925	BMB
Total:			43.726	7.134	100.00	79.198	

57 2603140227

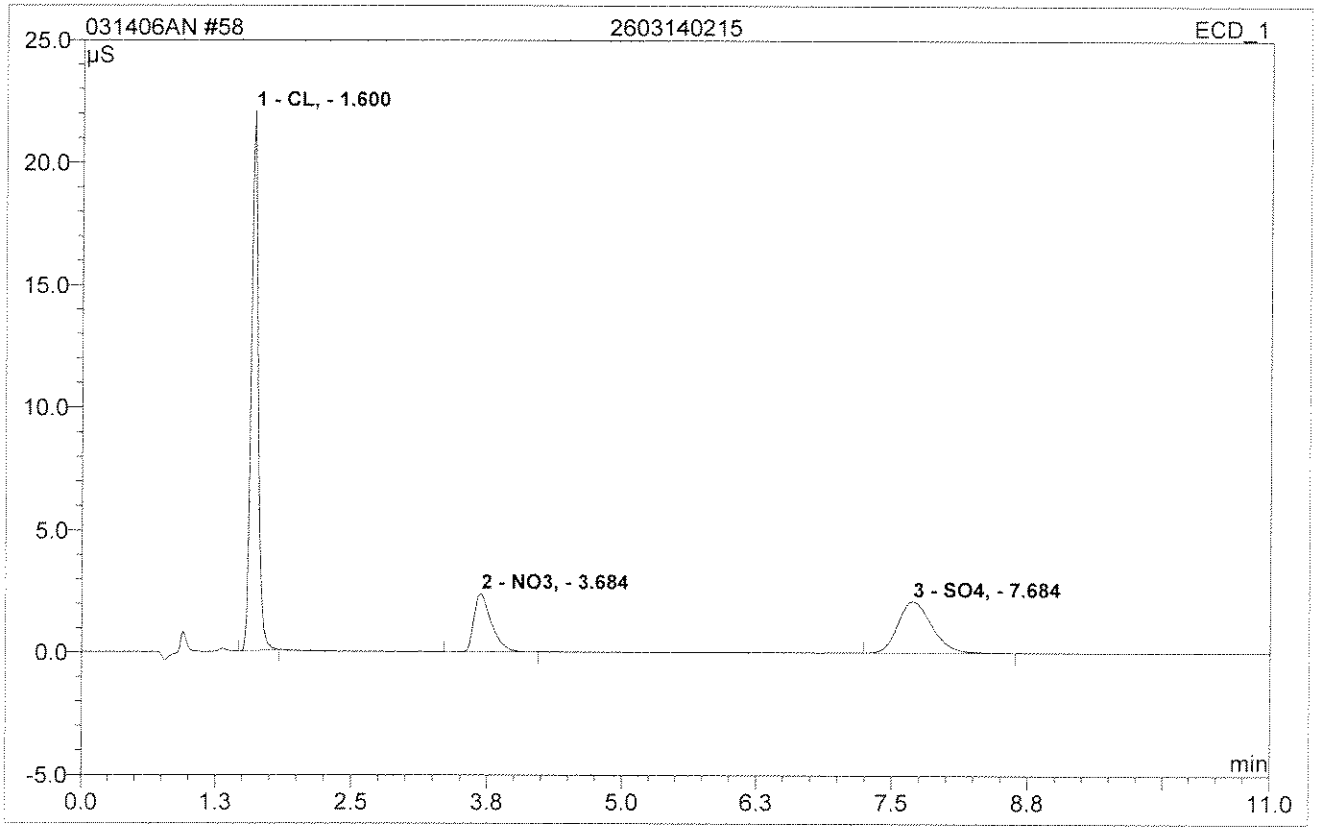
Sample Name:	**2603140227**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 20:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	24.330	1.837081	28.32	16.440	BMB
2	3.73	NO3,	1.355	0.248724	3.83	1.061	BMB
3	7.62	SO4,	11.790	4.402119	67.85	57.396	BMB
Total:			37.475	6.488	100.00	74.896	

58 2603140215

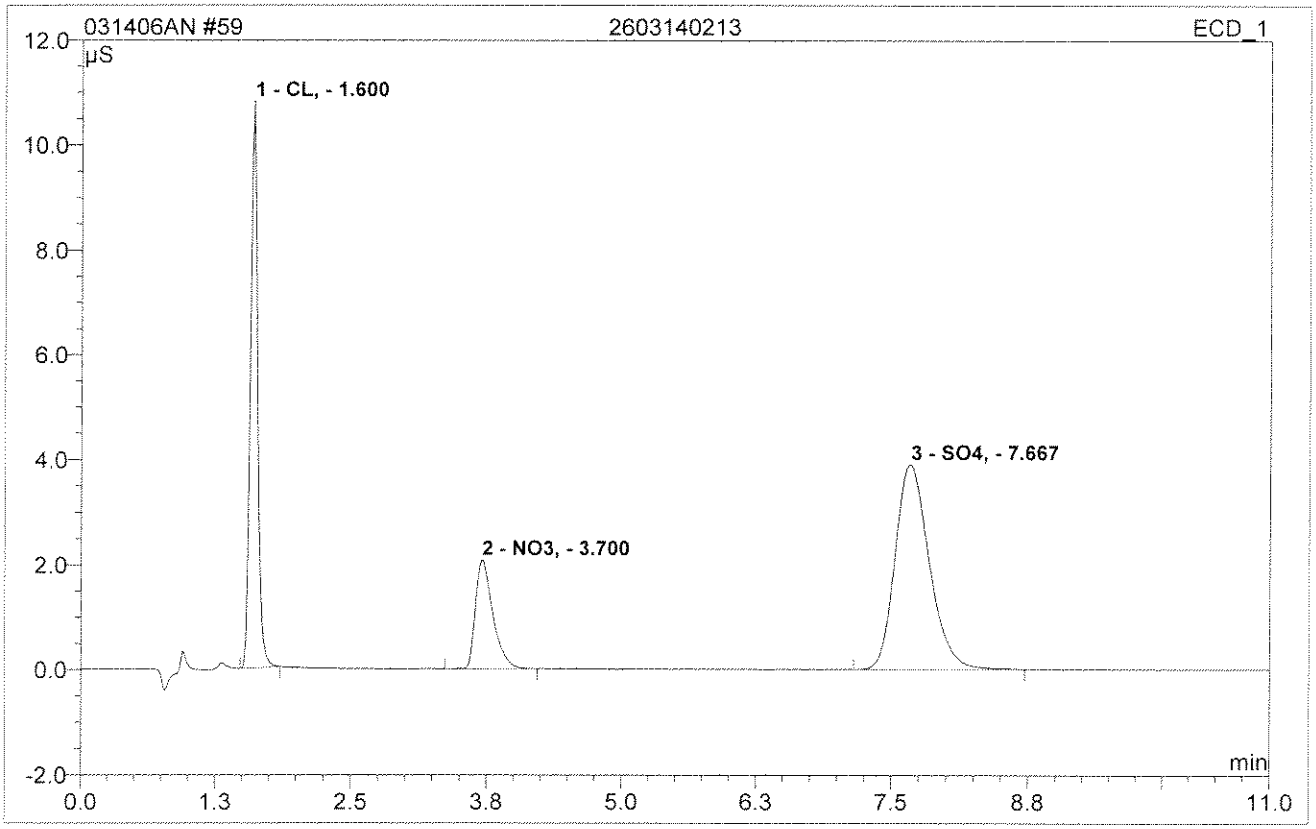
Sample Name:	**2603140215**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 20:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	22.046	1.648039	57.32	14.878	BMB
2	3.68	NO3,	2.409	0.450043	15.65	1.902	BMB
3	7.68	SO4,	2.131	0.776935	27.02	11.389	BMB
Total:			26.587	2.875	100.00	28.168	

59 2603140213

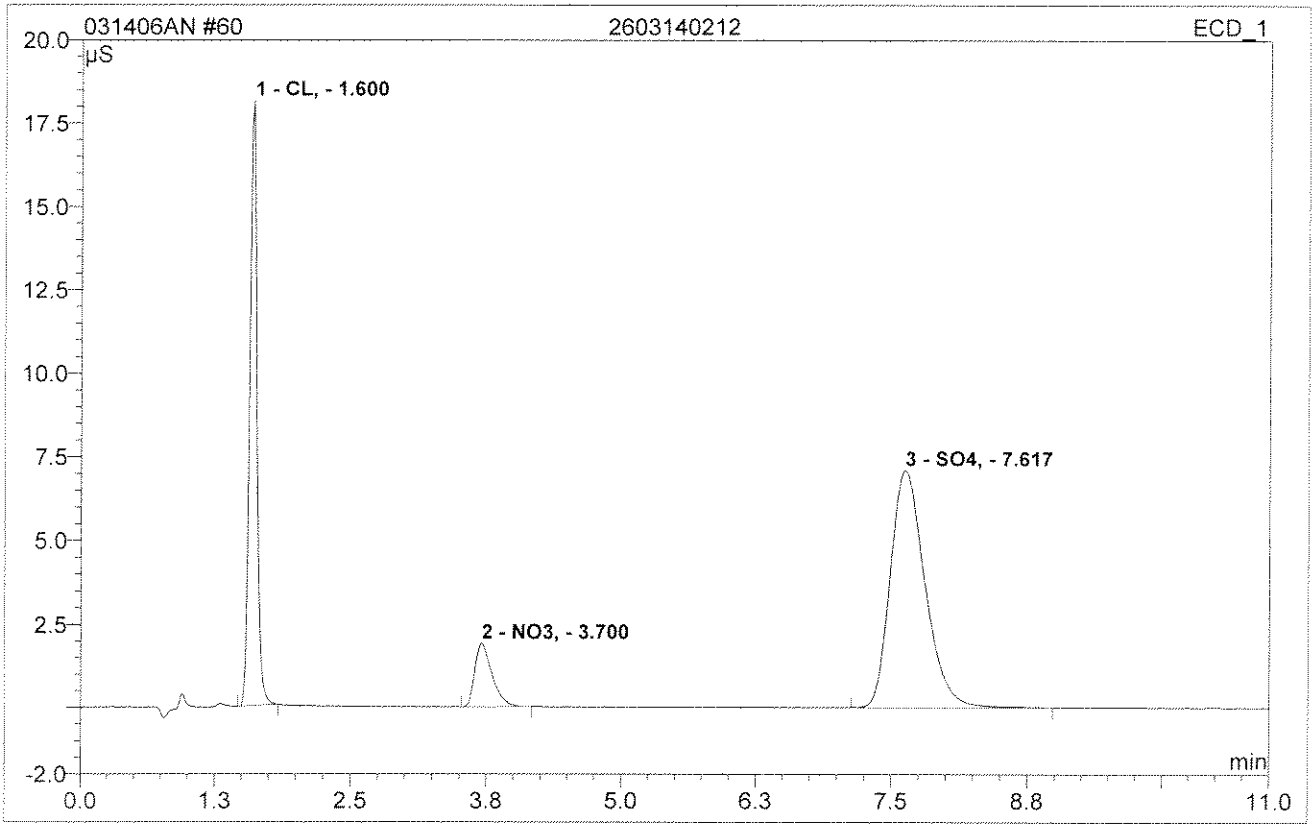
Sample Name:	**2603140213**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 21:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	10.802	0.826631	31.33	7.773	BMB
2	3.70	NO3,	2.087	0.390983	14.82	1.657	BMB
3	7.67	SO4,	3.901	1.421165	53.86	20.340	BMB
Total:			16.789	2.639	100.00	29.771	

60 2603140212

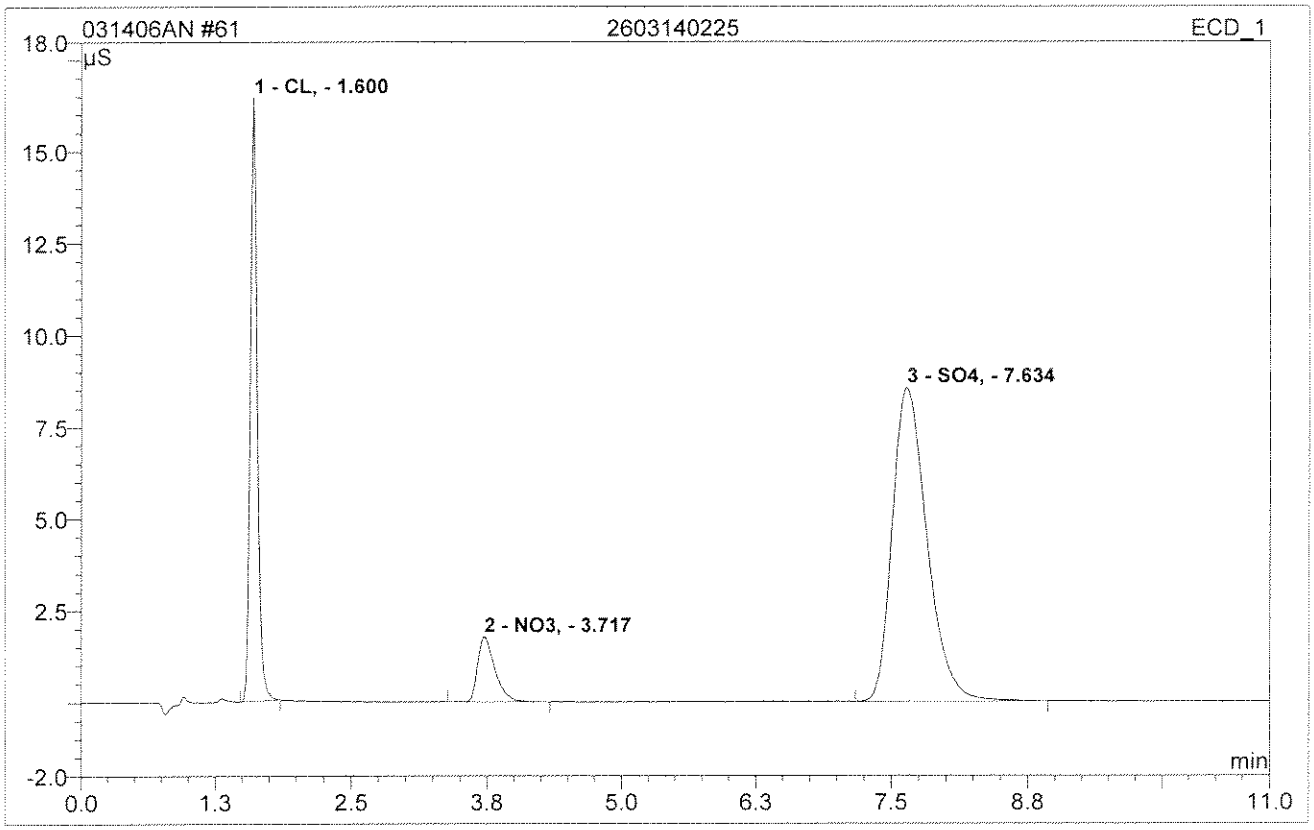
Sample Name:	**2603140212**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 21:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	18.128	1.393911	31.75	12.737	BMB
2	3.70	NO3,	1.918	0.355870	8.11	1.511	BMB
3	7.62	SO4,	7.097	2.639837	60.14	36.260	BMB
Total:			27.142	4.390	100.00	50.508	

61 2603140225

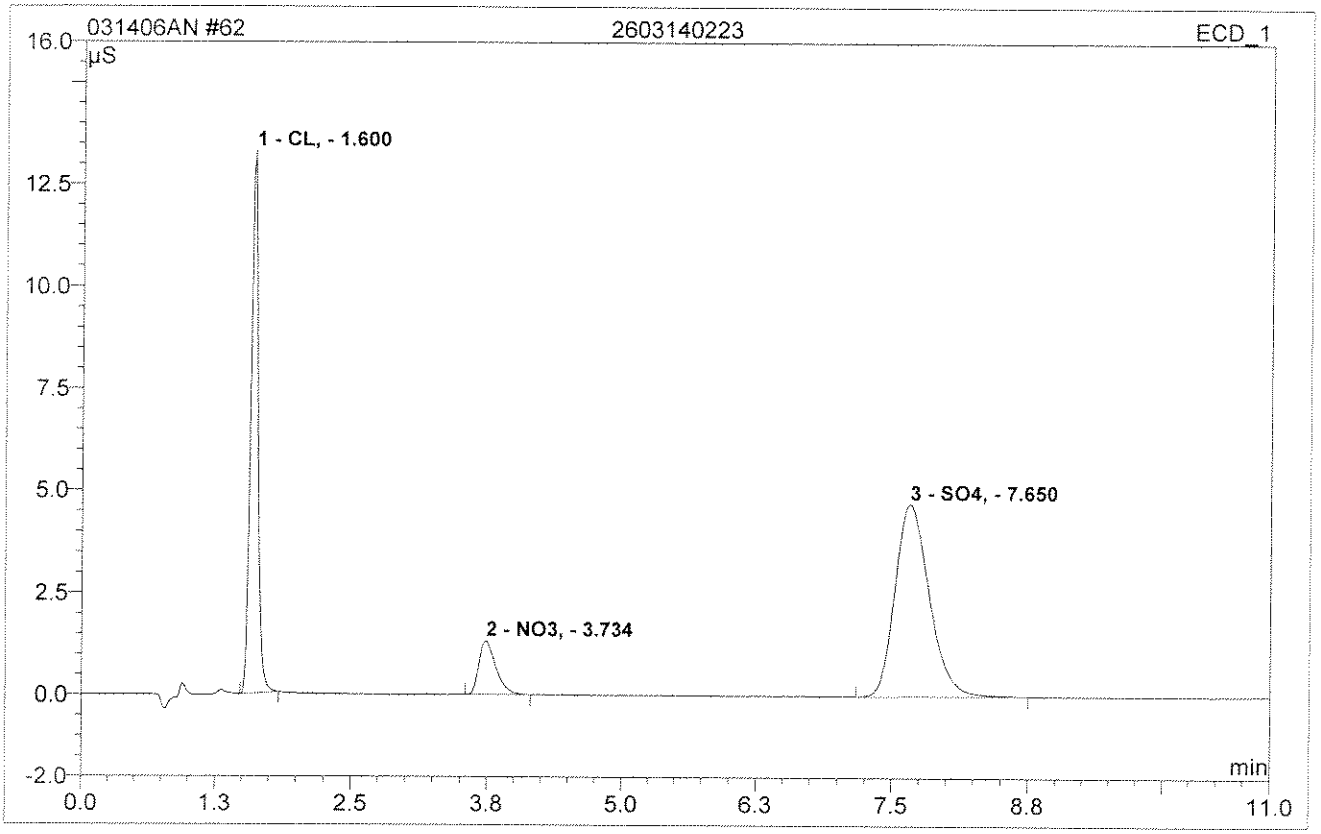
Sample Name:	**2603140225**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 21:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	16.428	1.224720	25.96	11.285	BMB
2	3.72	NO3,	1.763	0.332160	7.04	1.411	BMB
3	7.63	SO4,	8.551	3.160850	67.00	42.718	BMB
Total:			26.742	4.718	100.00	55.414	

62 2603140223

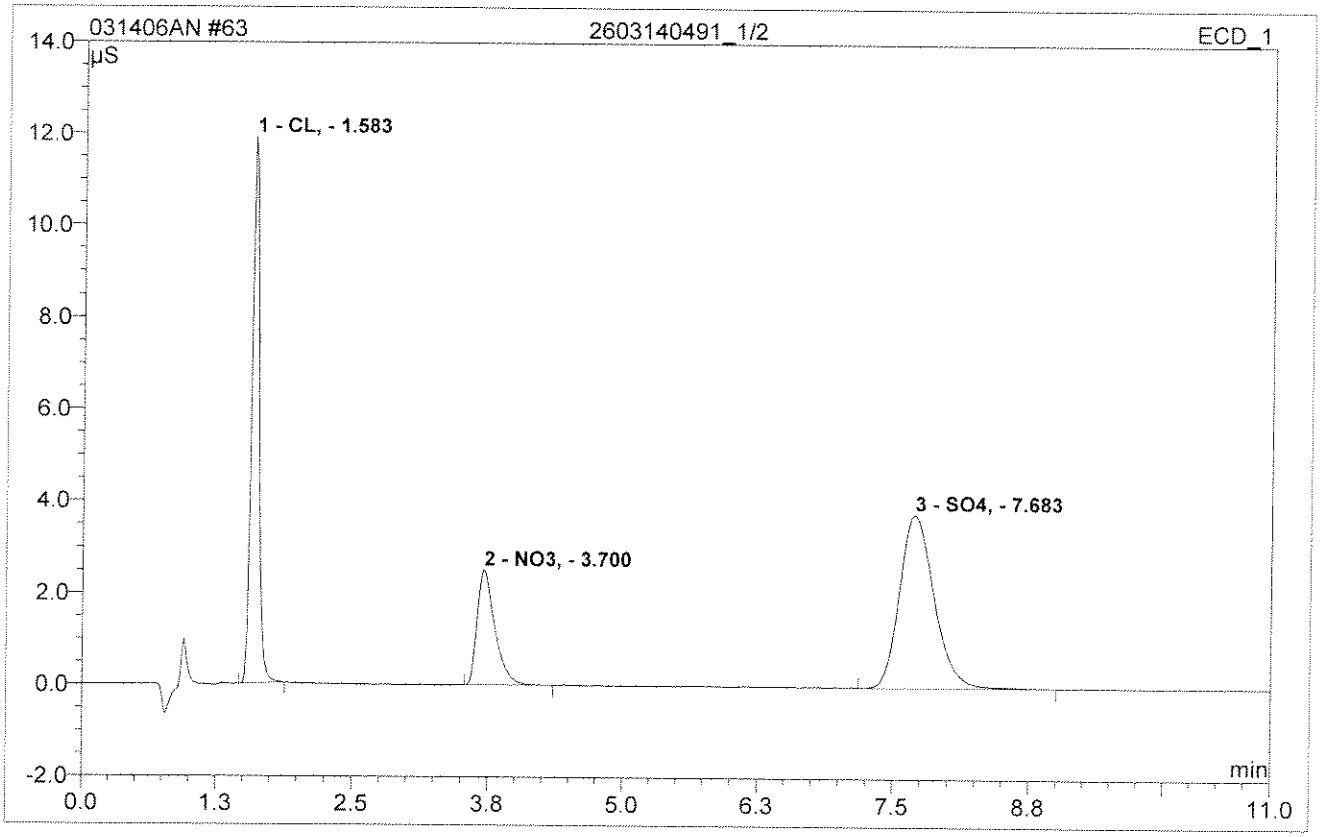
Sample Name:	**2603140223**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 21:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	13.285	1.027728	34.23	9.564	BMB
2	3.73	NO3,	1.334	0.243838	8.12	1.040	BMB
3	7.65	SO4,	4.698	1.731152	57.65	24.508	BMB
Total:			19.317	3.003	100.00	35.112	

63 2603140491_1/2

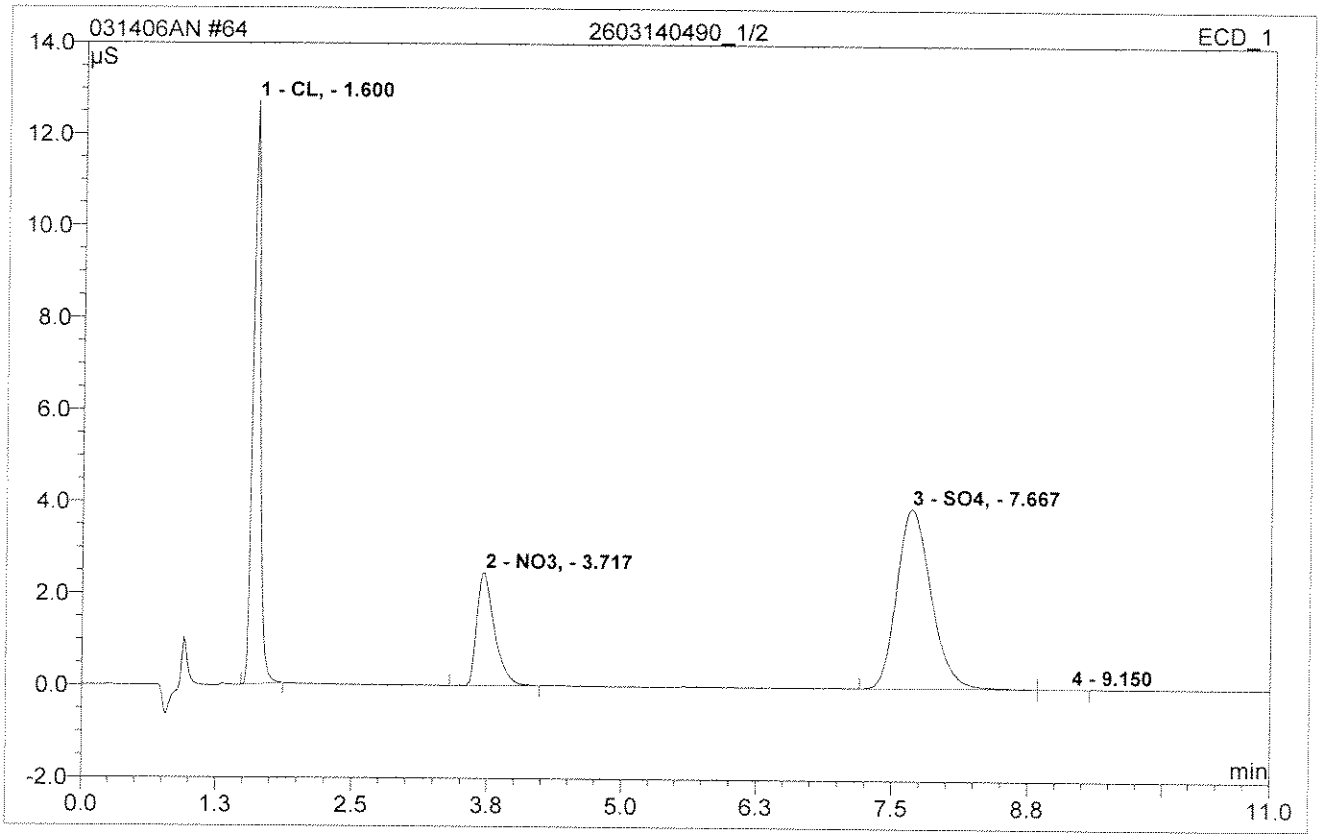
Sample Name:	**2603140491_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 22:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	11.895	0.927697	33.09	17.356	BMB
2	3.70	NO3,	2.496	0.478117	17.05	4.037	BMB
3	7.68	SO4,	3.758	1.397957	49.86	40.049	BMB
Total:			18.149	2.804	100.00	61.442	

64 2603140490_1/2

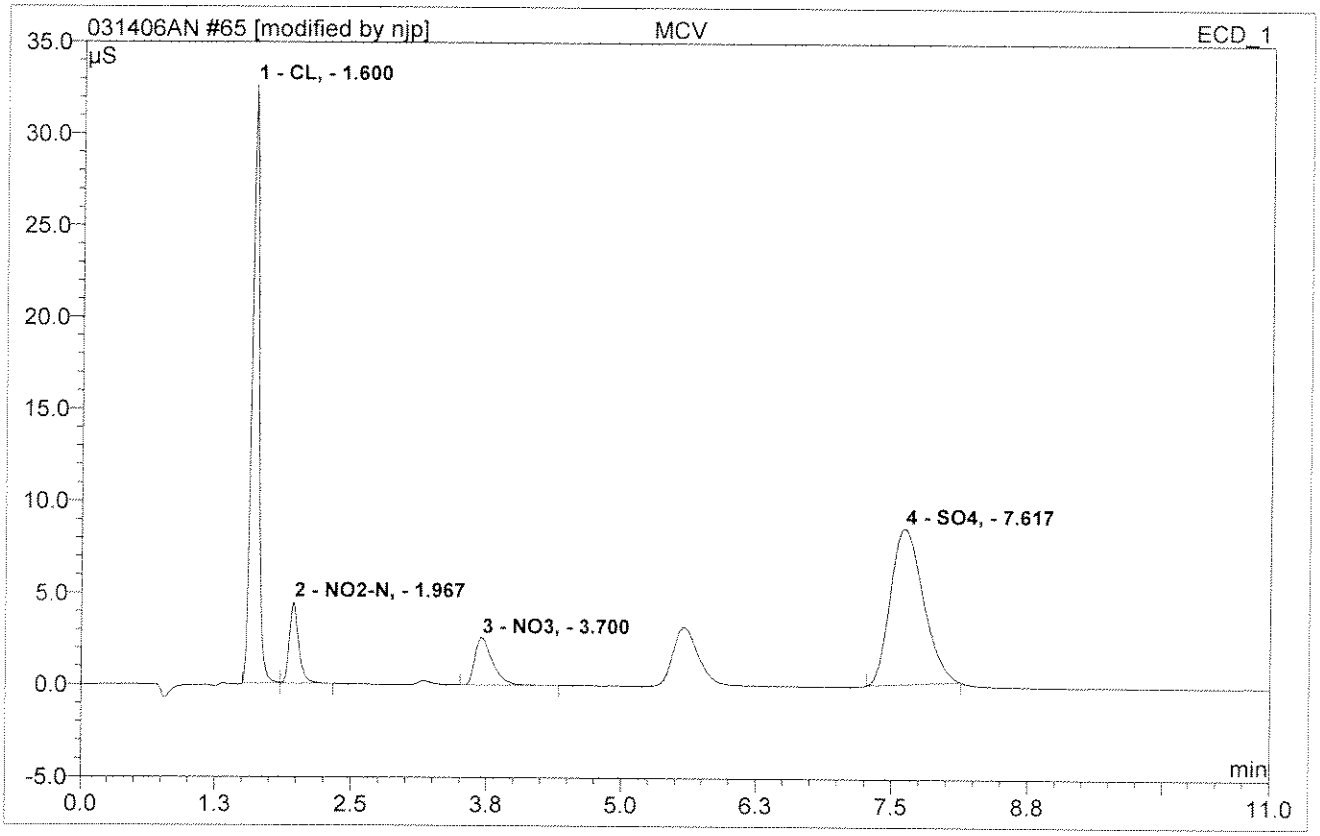
Sample Name:	**2603140490_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 22:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	12.703	0.967125	33.65	18.056	BMB
2	3.72	NO3,	2.454	0.467510	16.27	3.949	BMB
3	7.67	SO4,	3.912	1.437732	50.03	41.130	BM
4	9.15	n.a.	0.004	0.001398	0.05	n.a.	MB
Total:			19.073	2.874	100.00	63.136	

65 MCV

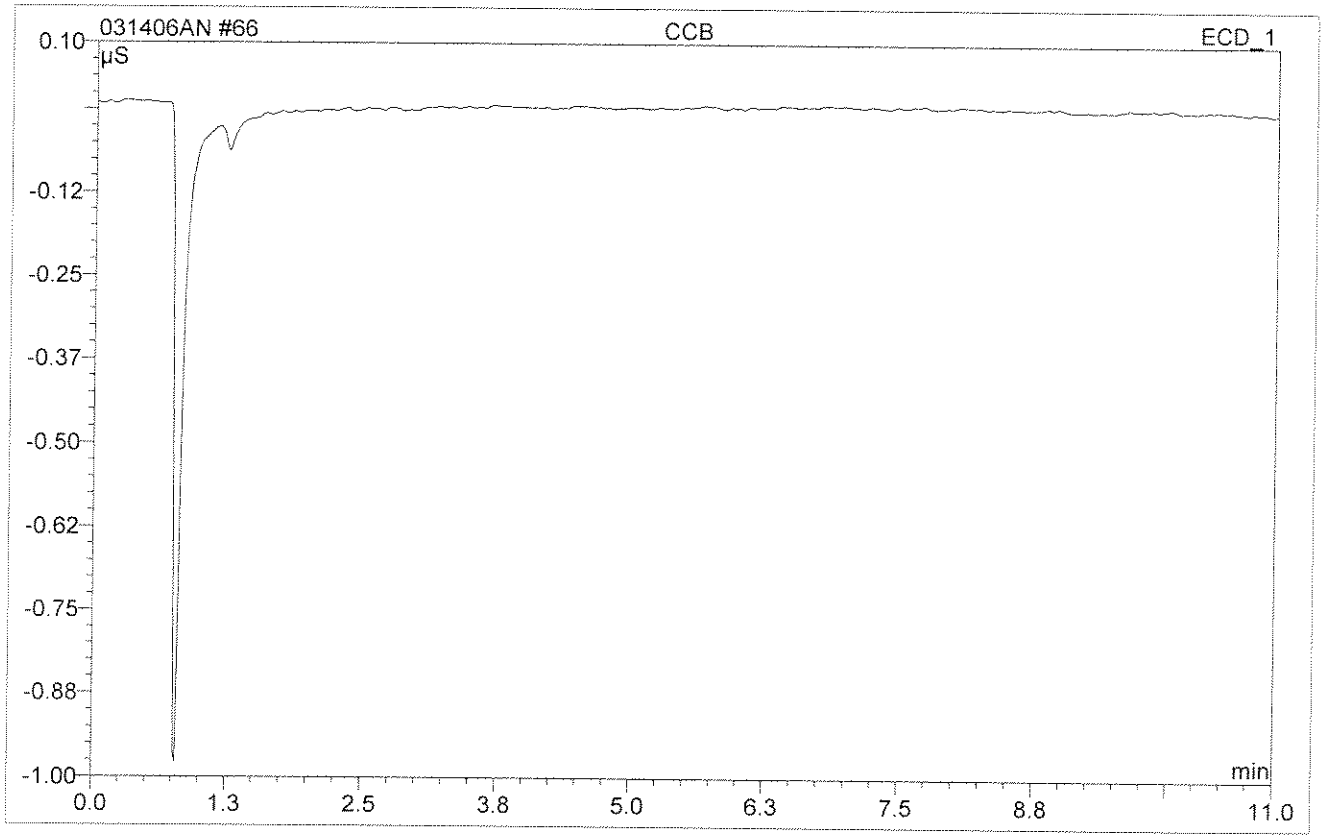
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 22:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	32.614	2.457660	38.37	21.400	BM *
2	1.97	NO2-N,	4.462	0.445378	6.95	2.038	MB*
3	3.70	NO3,	2.603	0.493872	7.71	2.083	BMB
4	7.62	SO4,	8.496	3.008271	46.97	40.847	BMB*
Total:			48.174	6.405	100.00	66.368	

66 CCB

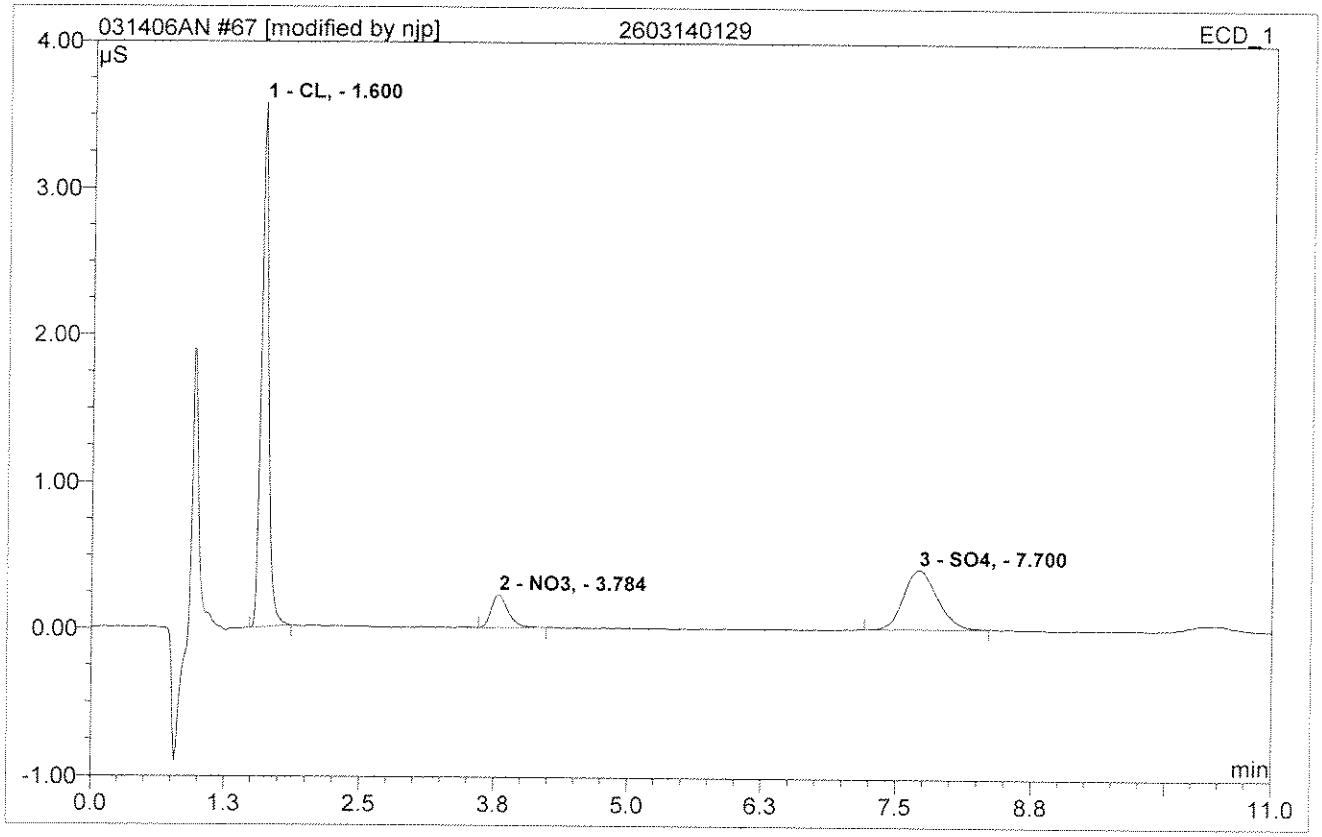
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 22:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

67 2603140129

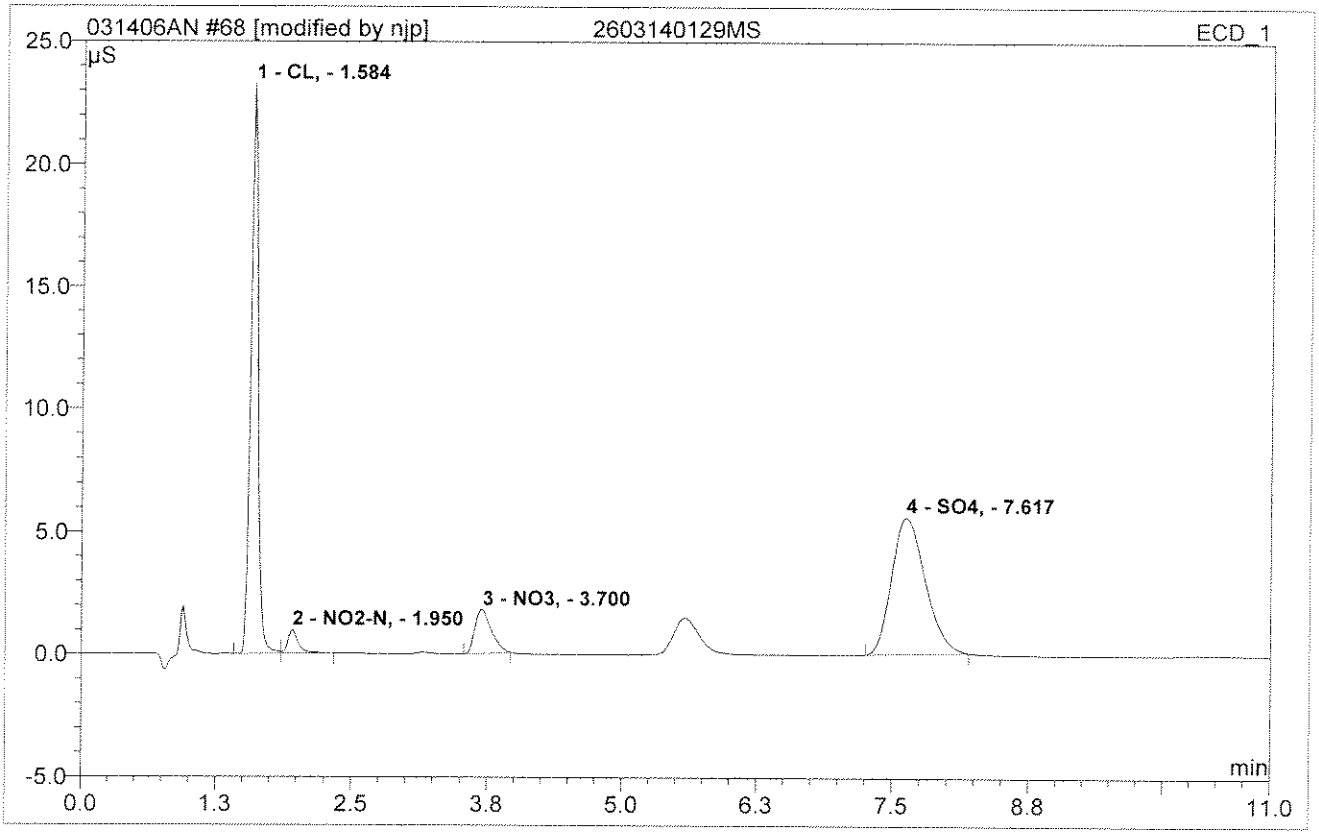
Sample Name:	**2603140129**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 23:02**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	3.568	0.287655	60.61	2.787	BMB
2	3.78	NO3,	0.224	0.040275	8.49	0.173	BMB
3	7.70	SO4,	0.404	0.146682	30.91	2.205	BMB
Total:			4.196	0.475	100.00	5.165	

68 2603140129MS

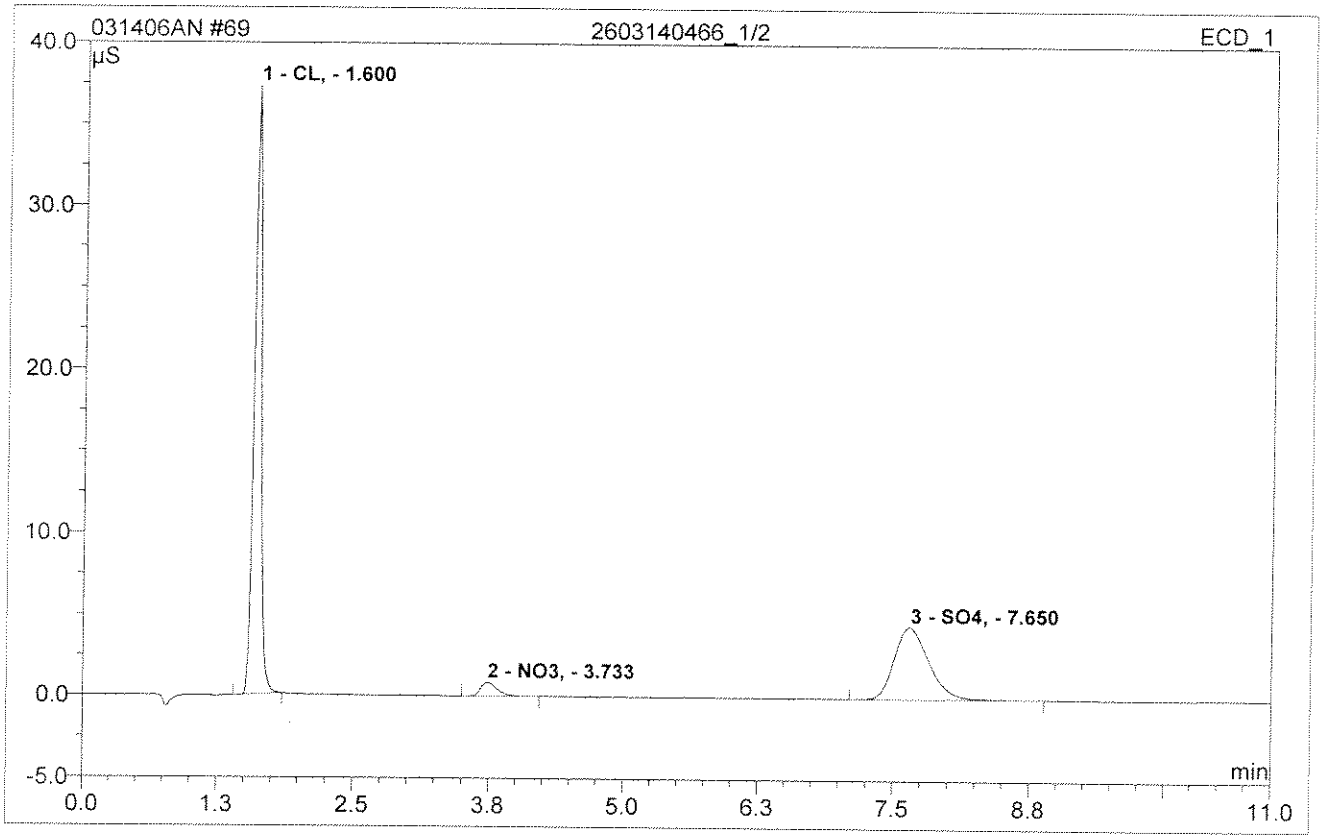
Sample Name:	**2603140129MS**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/14/2006 23:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	23.254	1.767193	42.09	15.865	BM
2	1.95	NO2-N,	0.968	0.106981	2.55	0.497	MB
3	3.70	NO3,	1.798	0.318090	7.58	1.353	BMB*
4	7.62	SO4,	5.602	2.006598	47.79	28.140	BMB*
Total:			31.622	4.199	100.00	45.855	

69 2603140466_1/2

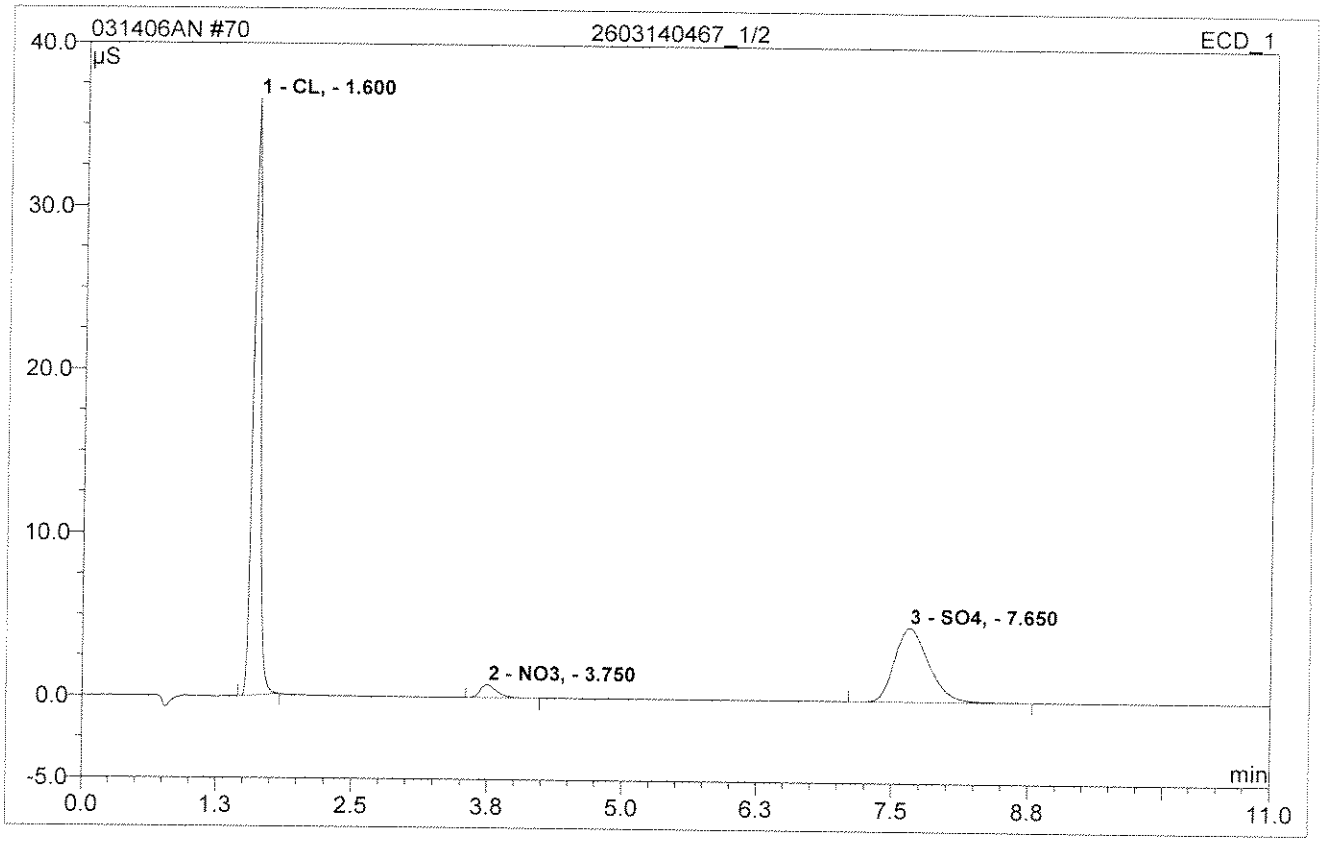
Sample Name:	**2603140466_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 23:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	37.309	2.819617	60.97	48.372	BMB
2	3.73	NO3,	0.857	0.155717	3.37	1.334	BMB
3	7.65	SO4,	4.457	1.649036	35.66	46.824	BMB
Total:			42.623	4.624	100.00	96.530	

70 2603140467_1/2

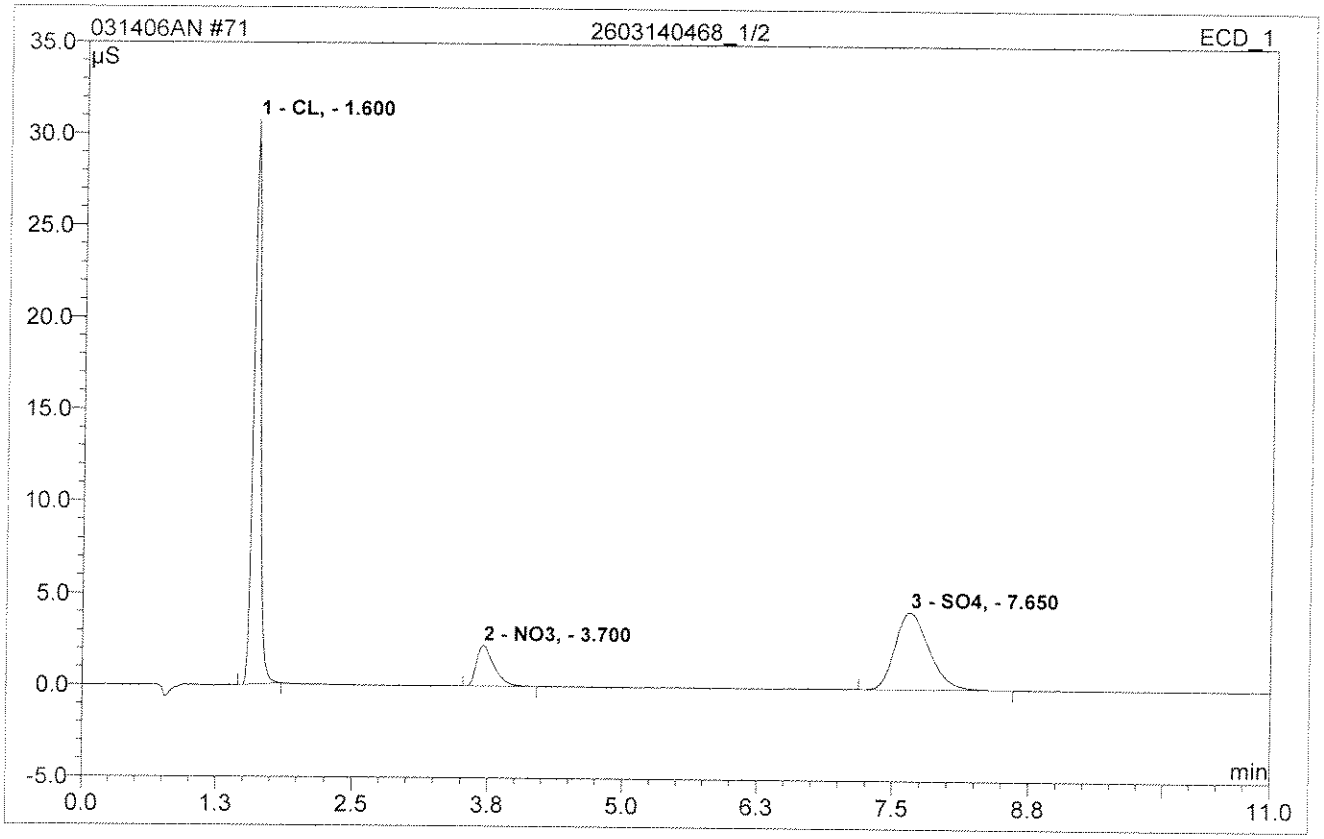
Sample Name:	**2603140467_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 23:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	36.542	2.769825	60.48	47.614	BMB
2	3.75	NO3,	0.805	0.147340	3.22	1.263	BMB
3	7.65	SO4,	4.540	1.662356	36.30	47.180	BMB
Total:			41.887	4.580	100.00	96.057	

71 2603140468_1/2

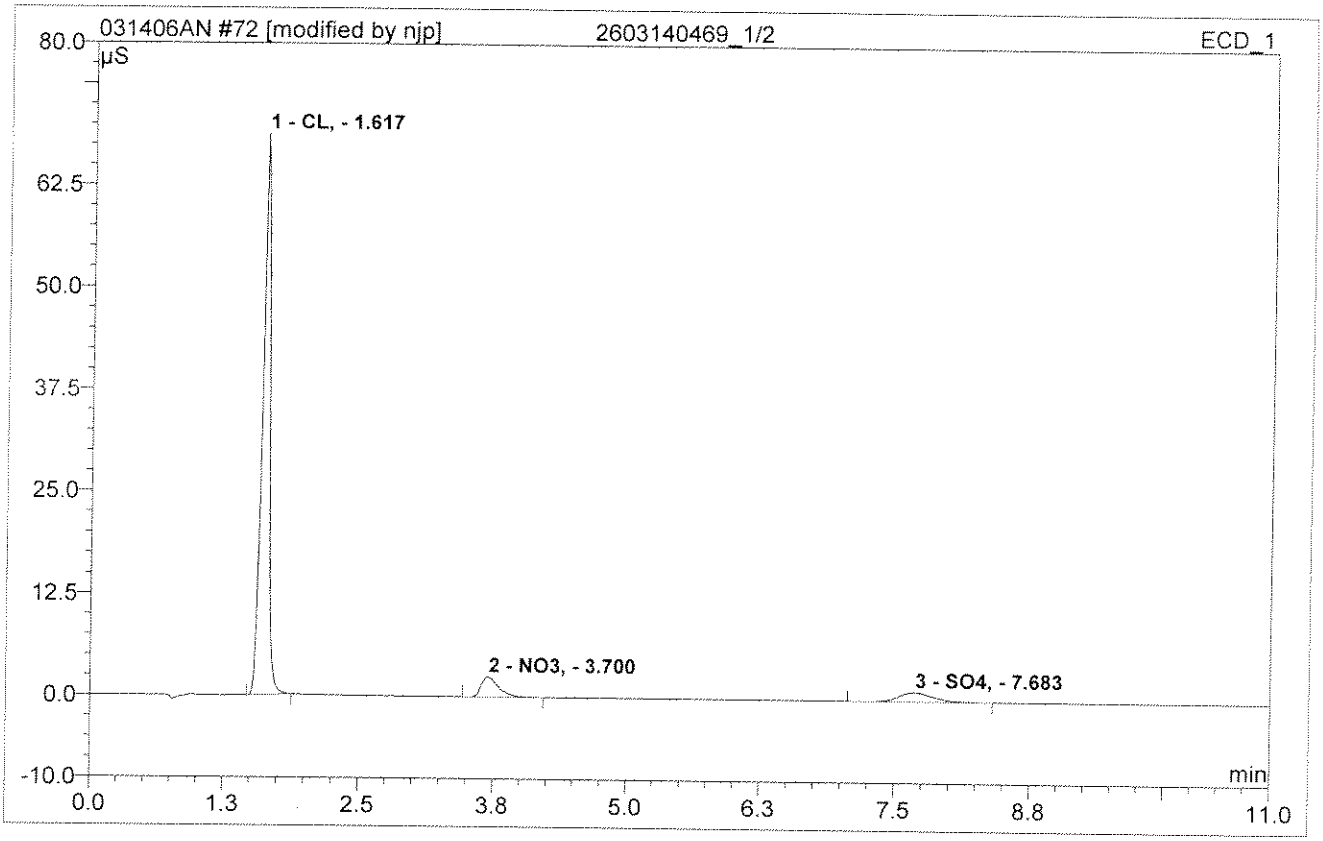
Sample Name:	**2603140468_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/14/2006 23:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	30.739	2.322165	54.12	40.675	BMB
2	3.70	NO3,	2.255	0.421882	9.83	3.571	BMB
3	7.65	SO4,	4.232	1.546543	36.04	44.072	BMB
Total:			37.226	4.291	100.00	88.319	

72 2603140469_1/2

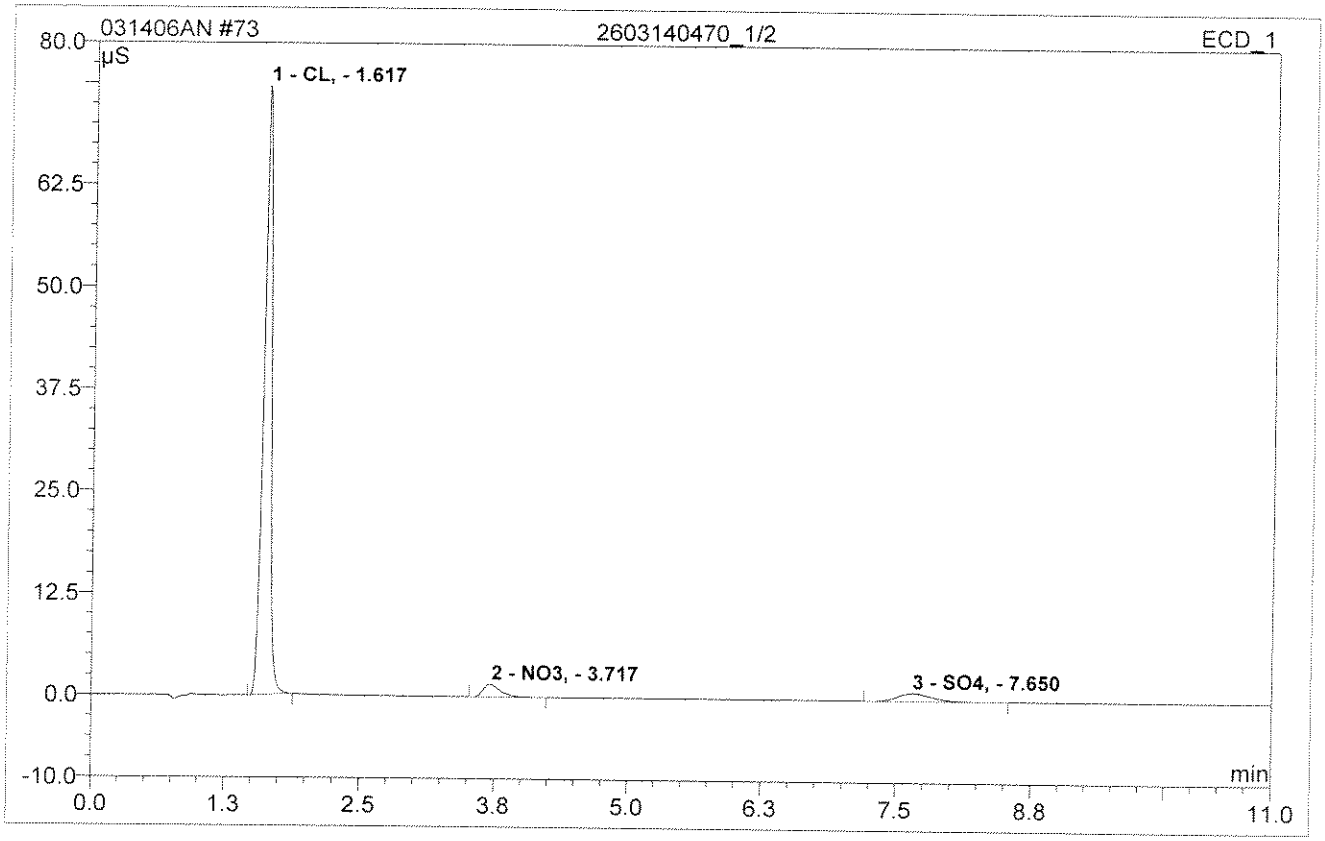
Sample Name:	**2603140469_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 0:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	68.769	5.560459	86.34	86.549	BMB
2	3.70	NO3,	2.479	0.464309	7.21	3.922	BMB
3	7.68	SO4,	1.130	0.415472	6.45	12.354	BMB
Total:			72.378	6.440	100.00	102.826	

73 2603140470_1/2

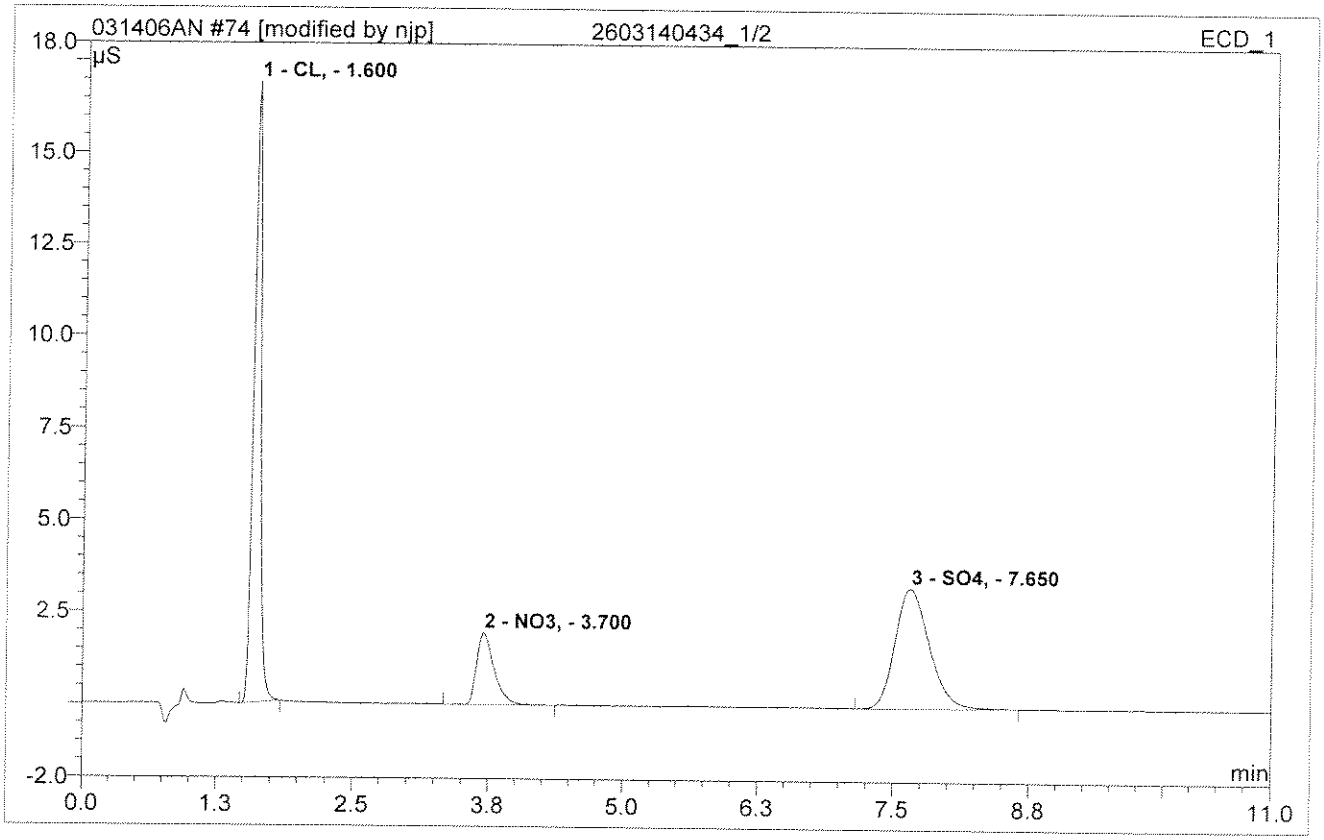
Sample Name:	**2603140470_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 0:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	74.611	6.234645	90.76	95.075	BMB
2	3.72	NO3,	1.544	0.284917	4.15	2.427	BMB
3	7.65	SO4,	0.957	0.349606	5.09	10.423	BMB
Total:			77.112	6.869	100.00	107.925	

74 2603140434_1/2

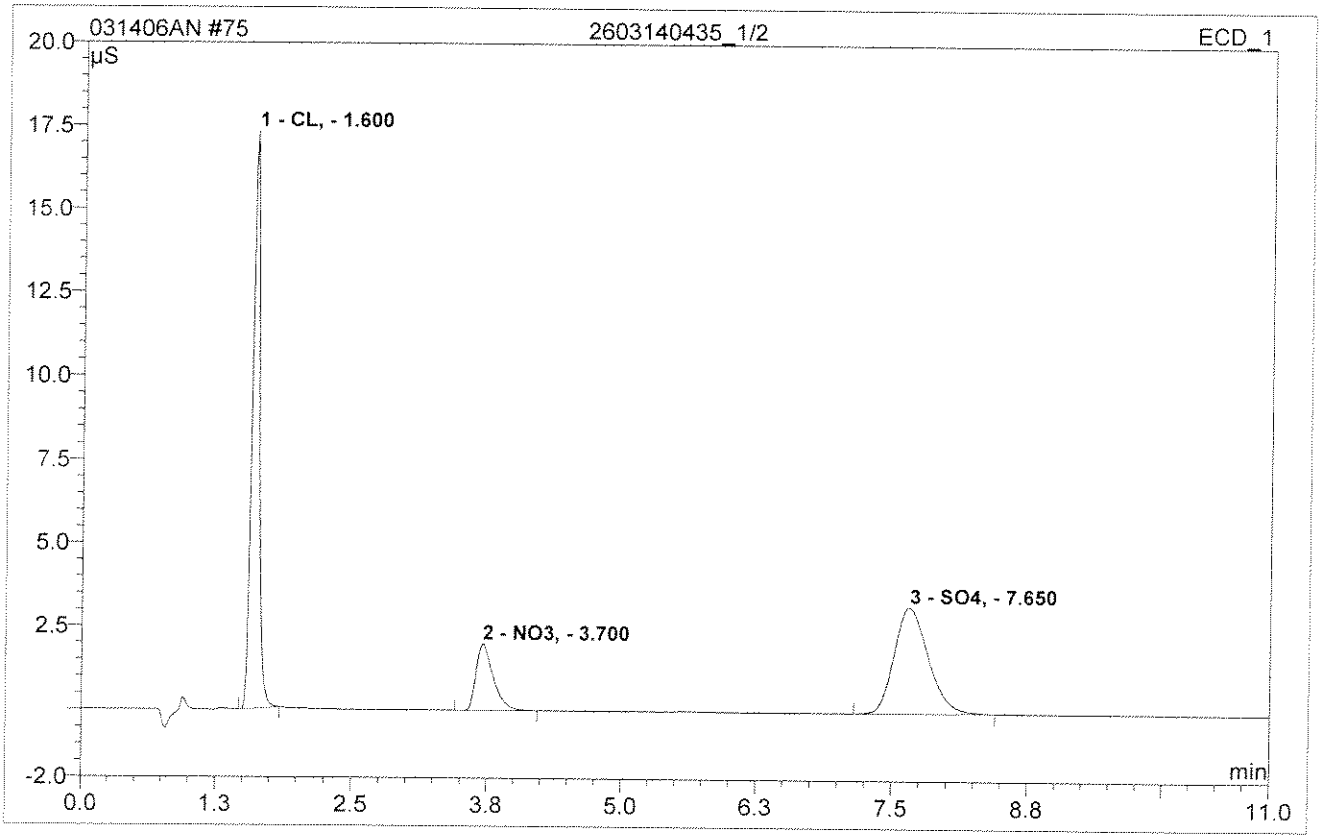
Sample Name:	**2603140434_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**29**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 0:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	16.905	1.300617	45.49	23.878	BMB
2	3.70	NO3,	1.948	0.364693	12.75	3.095	BMB*
3	7.65	SO4,	3.254	1.193970	41.76	34.460	BMB
Total:			22.107	2.859	100.00	61.432	

75 2603140435_1/2

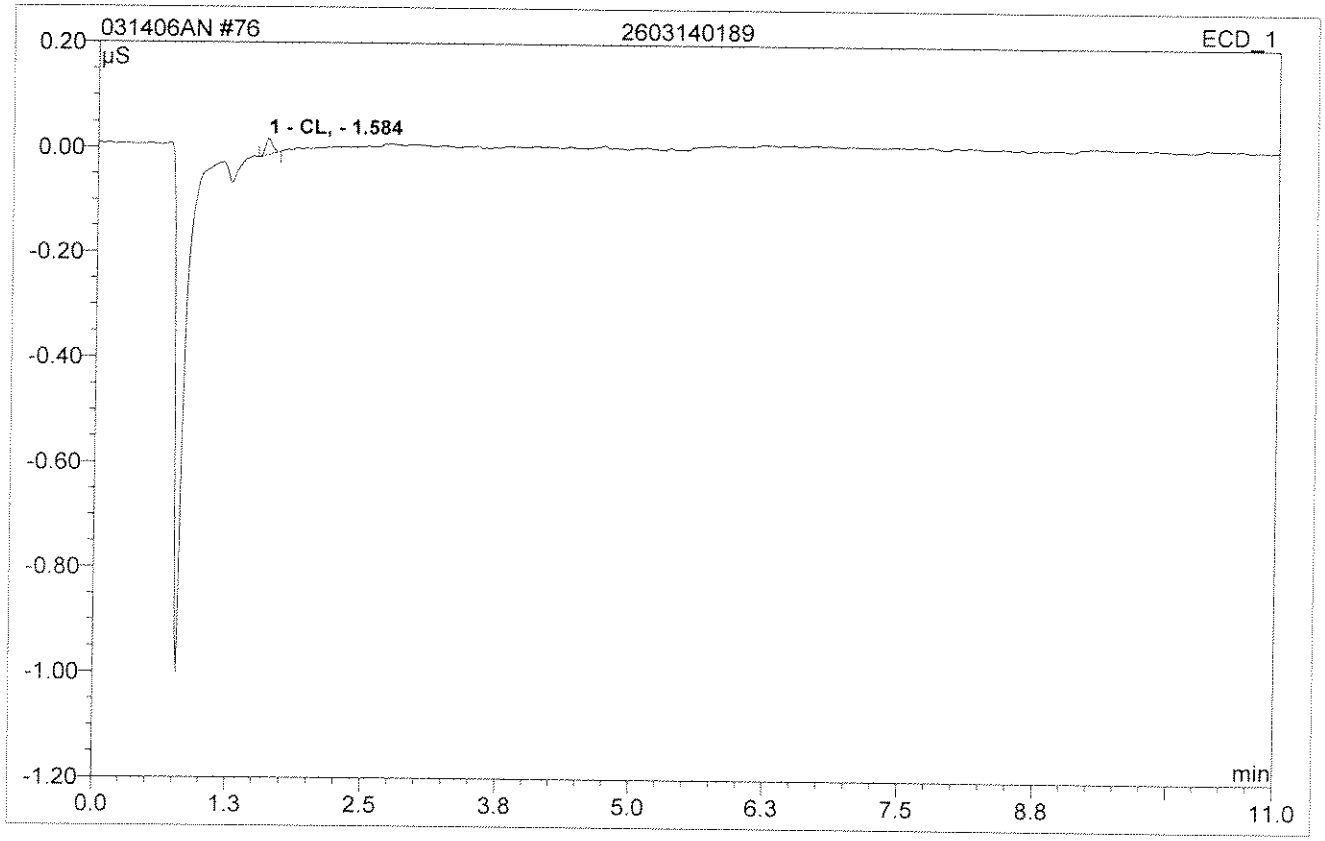
Sample Name:	**2603140435_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 0:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	17.293	1.327736	46.64	24.343	BMB
2	3.70	NO3,	1.970	0.368182	12.93	3.124	BMB
3	7.65	SO4,	3.161	1.150769	40.42	33.266	BMB
Total:			22.424	2.847	100.00	60.733	

76 2603140189

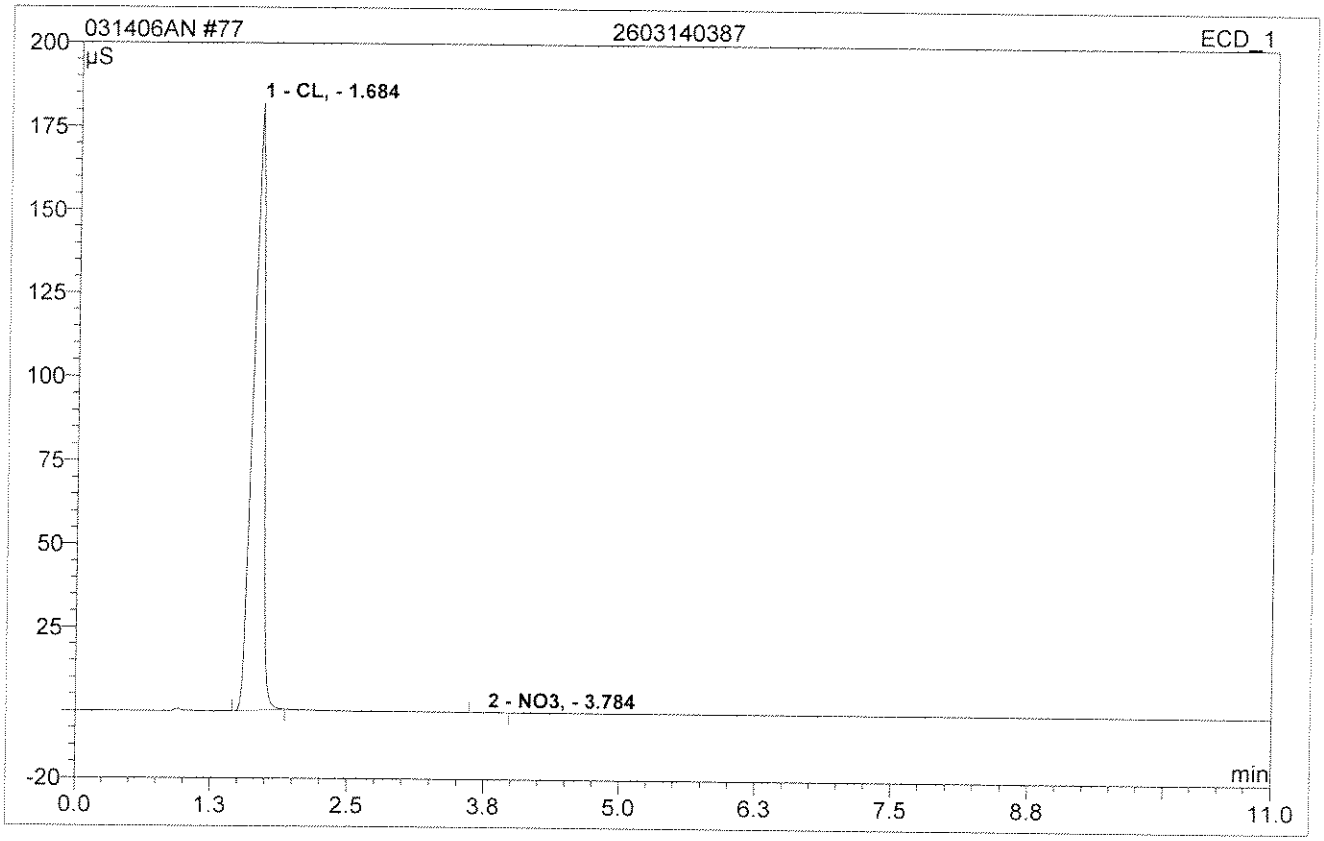
Sample Name:	**2603140189**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 1:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL	0.031	0.002302	100.00	0.023	BMB
Total:			0.031	0.002	100.00	0.023	

77 2603140387

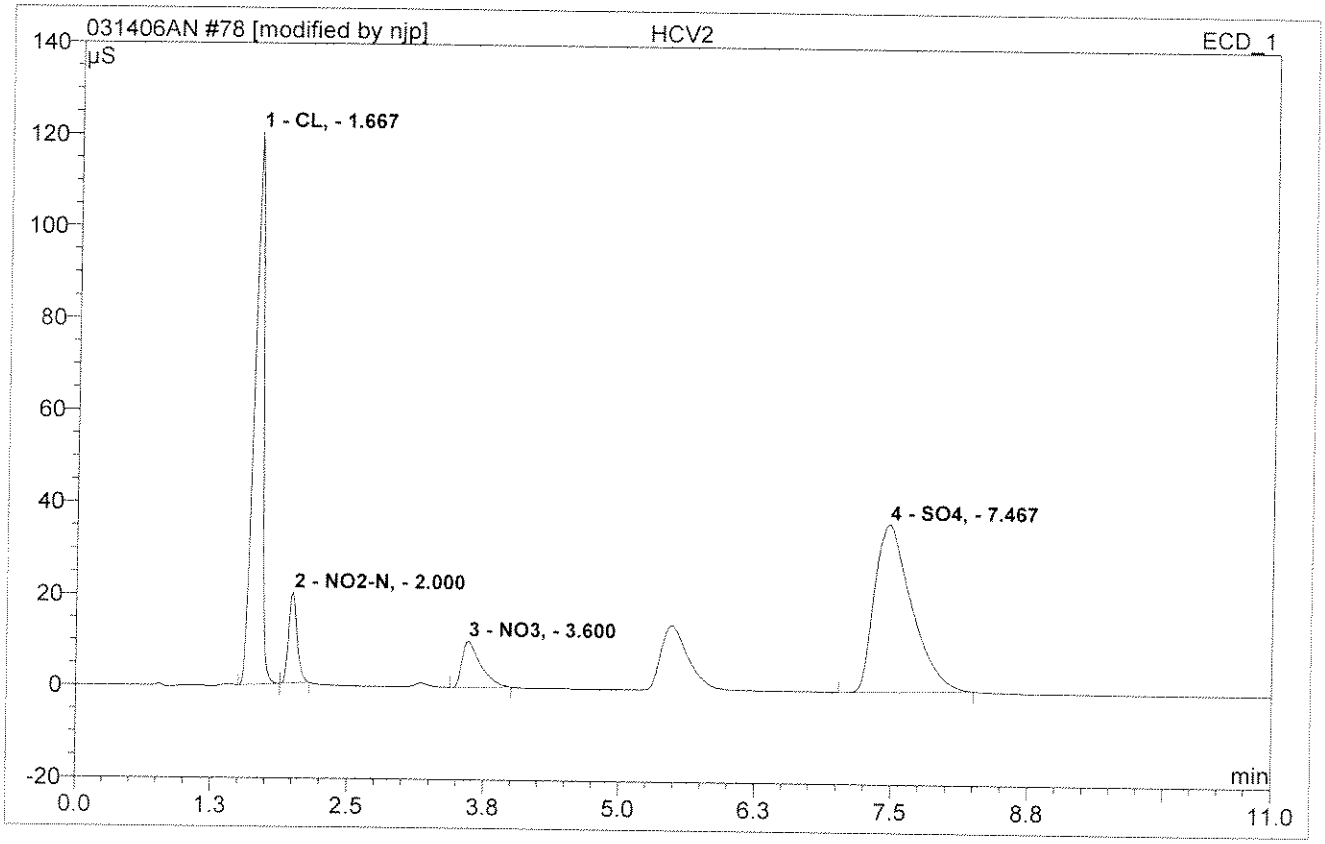
Sample Name:	**2603140387**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 1:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	181.949	21.008175	99.96	119.378	BMB
2	3.78	NO3,	0.053	0.008867	0.04	0.038	BMB
Total:			182.002	21.017	100.00	119.417	

78 HCV2

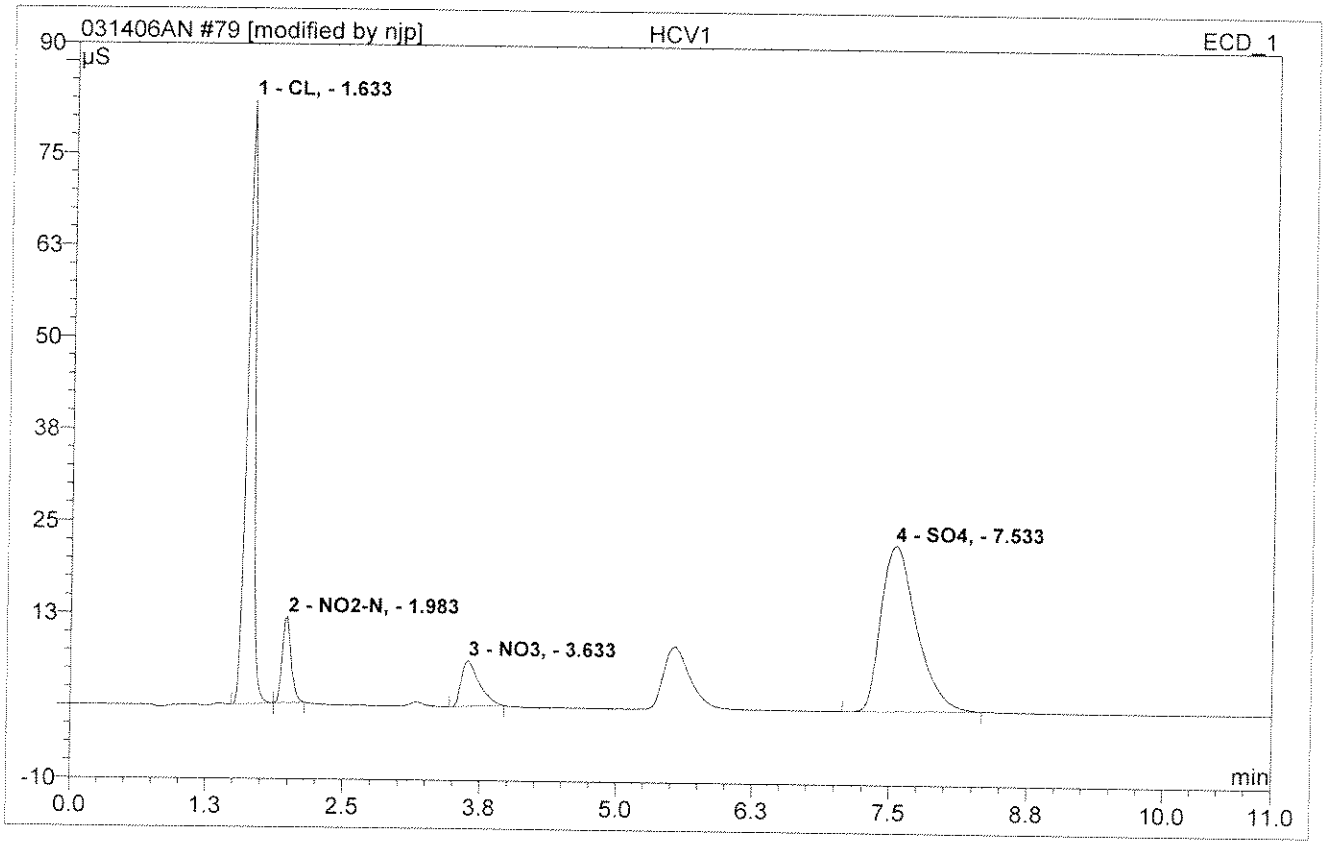
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 1:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.67	CL,	120.339	11.435703	38.40	76.602	BM *
2	2.00	NO2-N,	19.811	1.811080	6.08	7.844	MB*
3	3.60	NO3,	10.216	2.022575	6.79	8.015	BMB*
4	7.47	SO4,	36.560	14.511962	48.73	153.669	BMB*
Total:			186.927	29.781	100.00	246.130	

79 HCV1

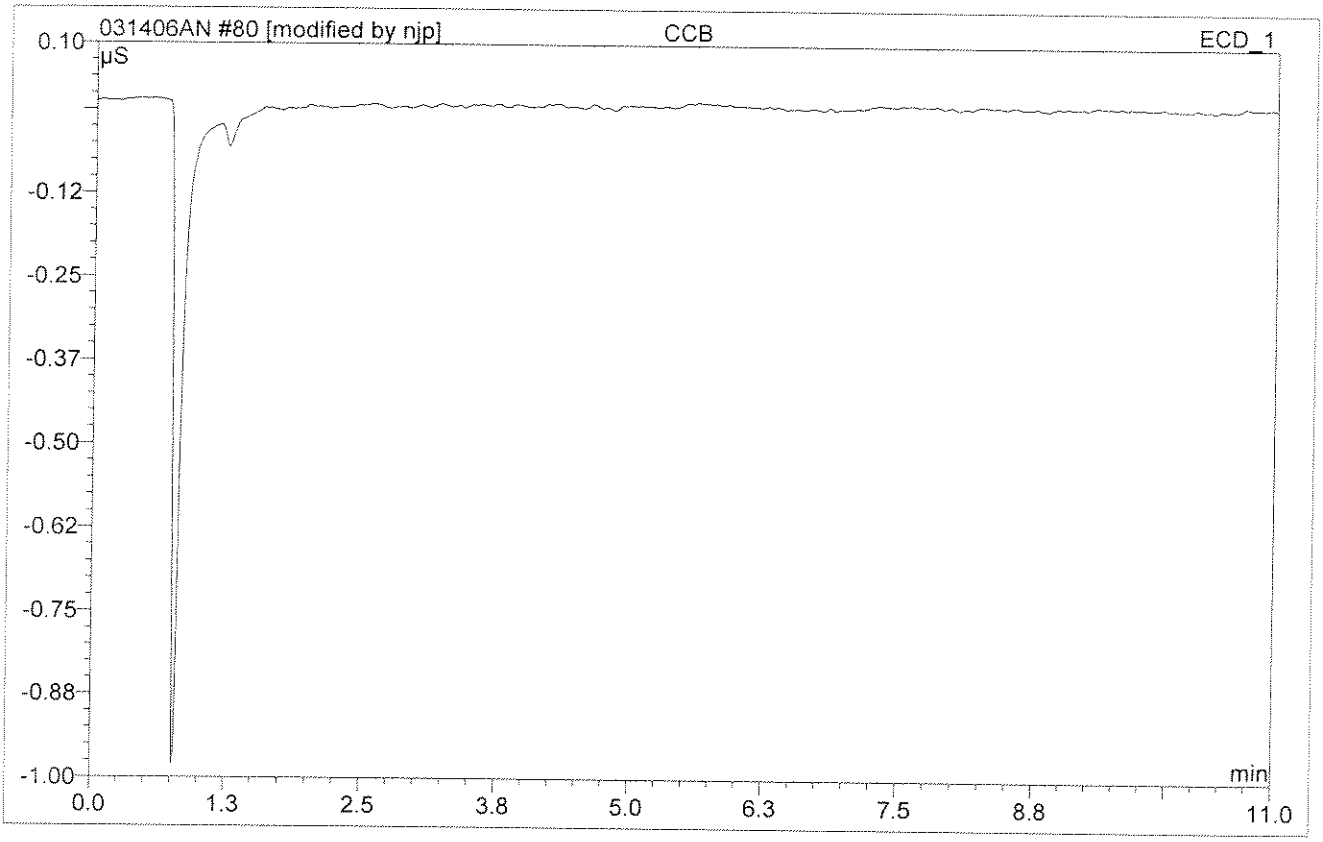
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 1:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	82.235	6.859674	38.76	51.367	BM *
2	1.98	NO2-N,	11.763	1.110977	6.28	4.944	MB*
3	3.63	NO3,	6.307	1.196506	6.76	4.898	BMB*
4	7.53	SO4,	22.533	8.532554	48.21	100.755	BMB*
Total:			122.838	17.700	100.00	161.963	

80 CCB

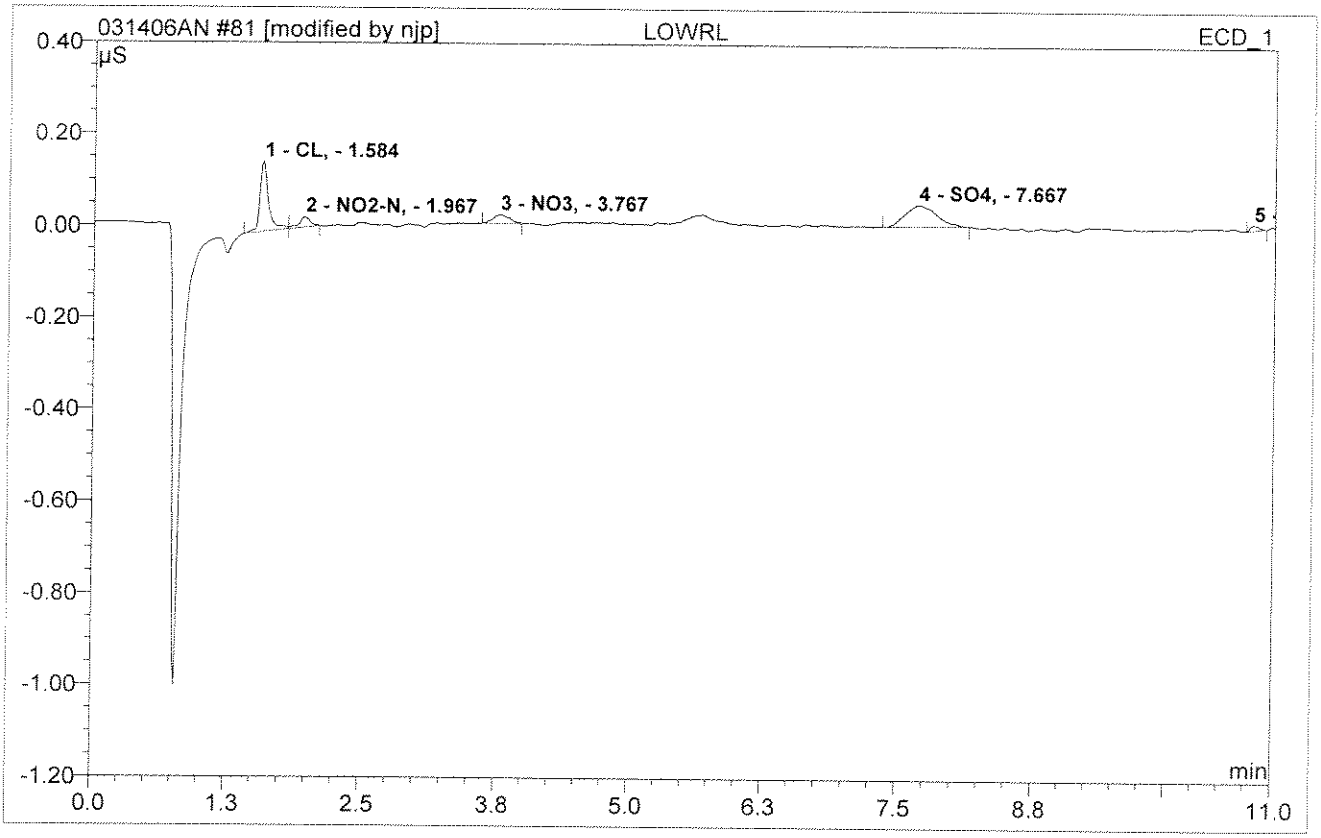
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 1:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

81 LOWRL

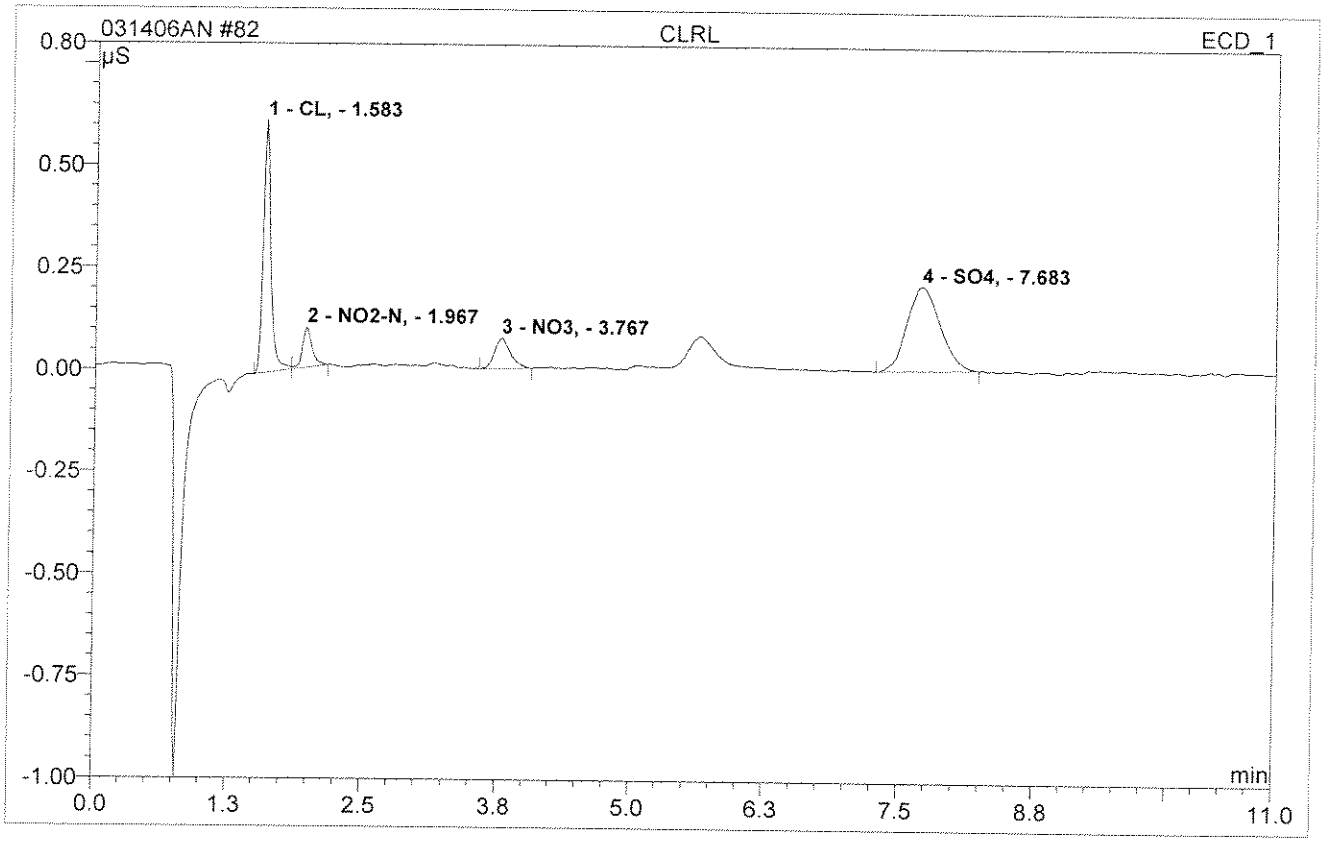
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 2:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.151	0.014087	38.55	0.139	BM *
2	1.97	NO2-N,	0.023	0.002754	7.54	0.013	MB*
3	3.77	NO3,	0.018	0.003200	8.76	0.014	BMB*
4	7.67	SO4,	0.046	0.015474	42.34	0.234	BMB
5	10.80	n.a.	0.011	0.001029	2.81	n.a.	BMB
Total:			0.249	0.037	100.00	0.399	

82 CLRL

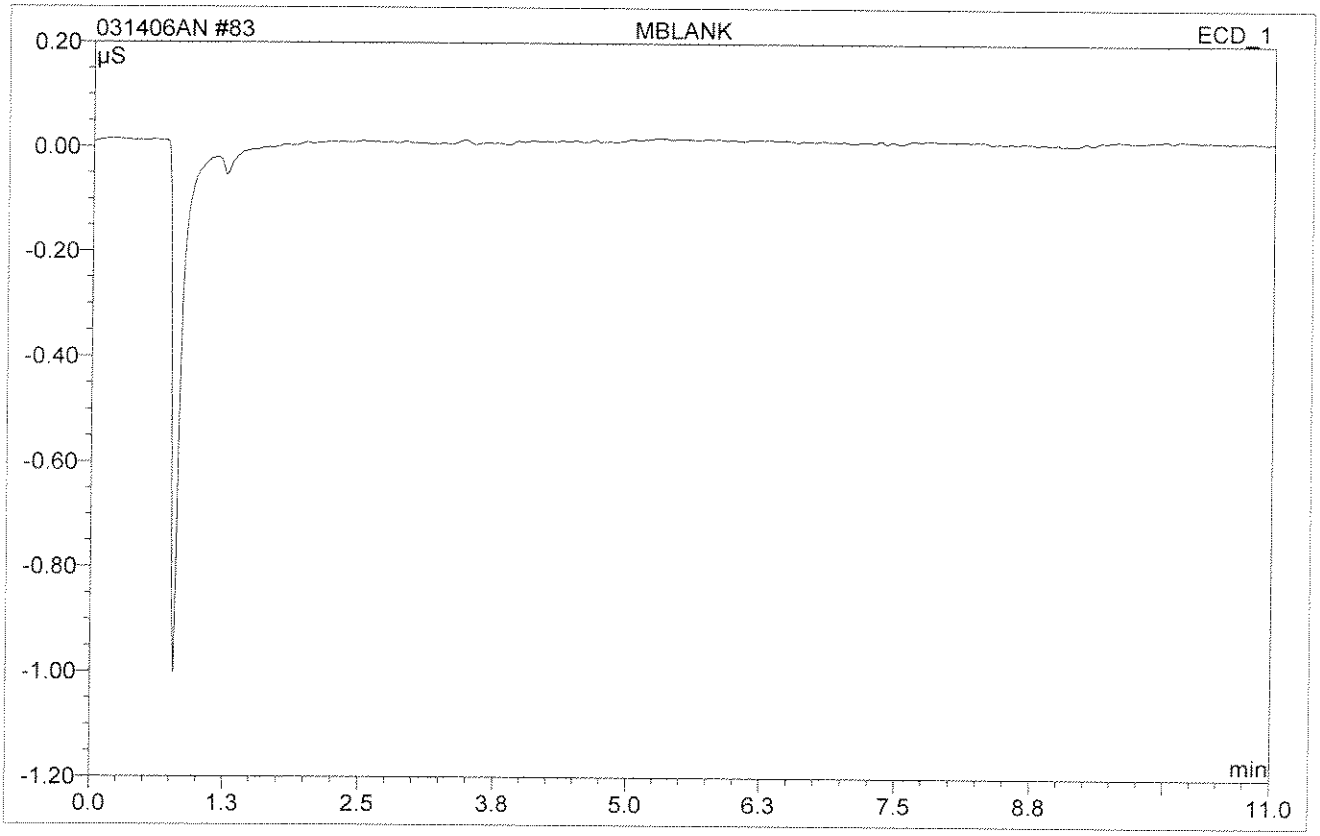
Sample Name:	**CLRL**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 2:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.618	0.051569	34.61	0.507	BM
2	1.97	NO2-N,	0.099	0.010210	6.85	0.048	MB
3	3.77	NO3,	0.075	0.013017	8.74	0.056	BMB
4	7.68	SO4,	0.207	0.074215	49.81	1.119	BMB
Total:			0.999	0.149	100.00	1.729	

83 MBLANK

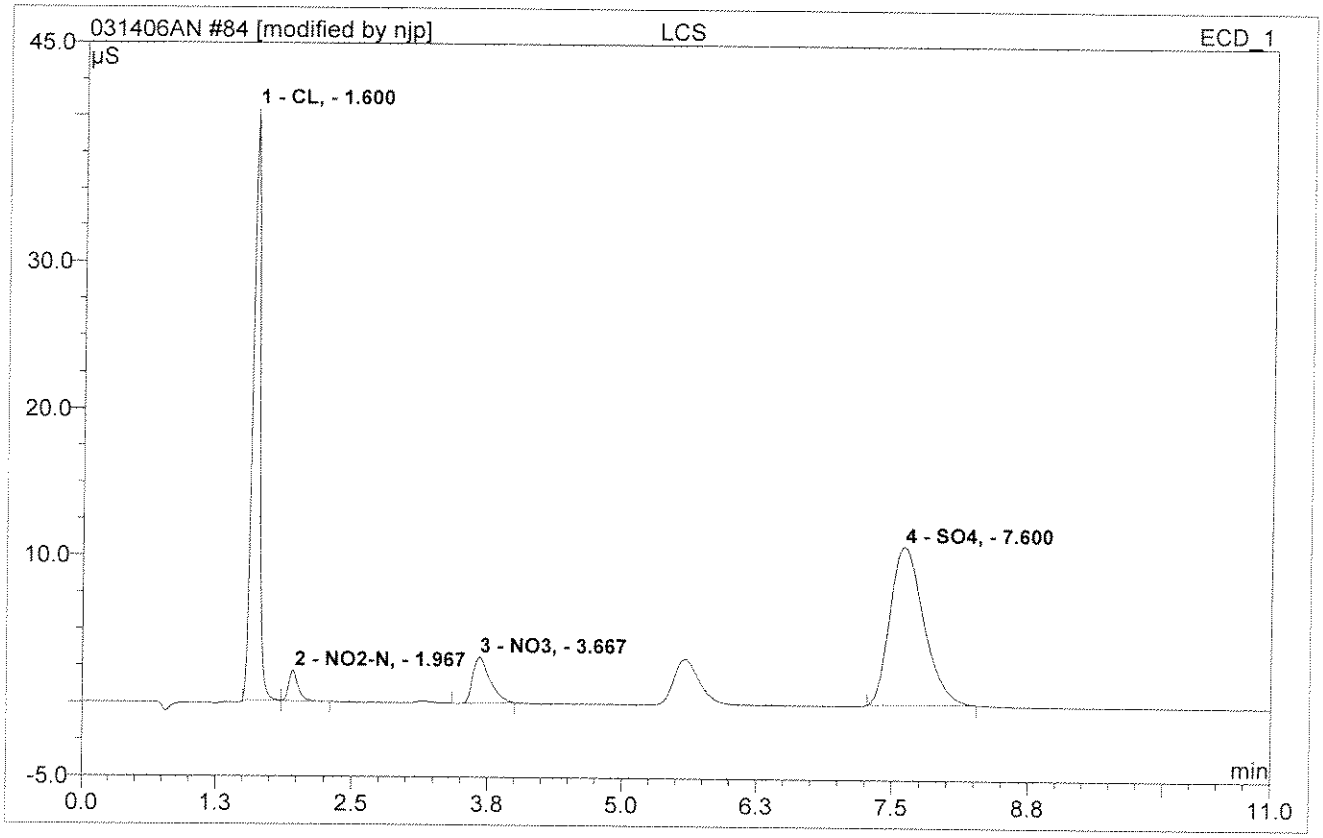
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 2:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

84 LCS

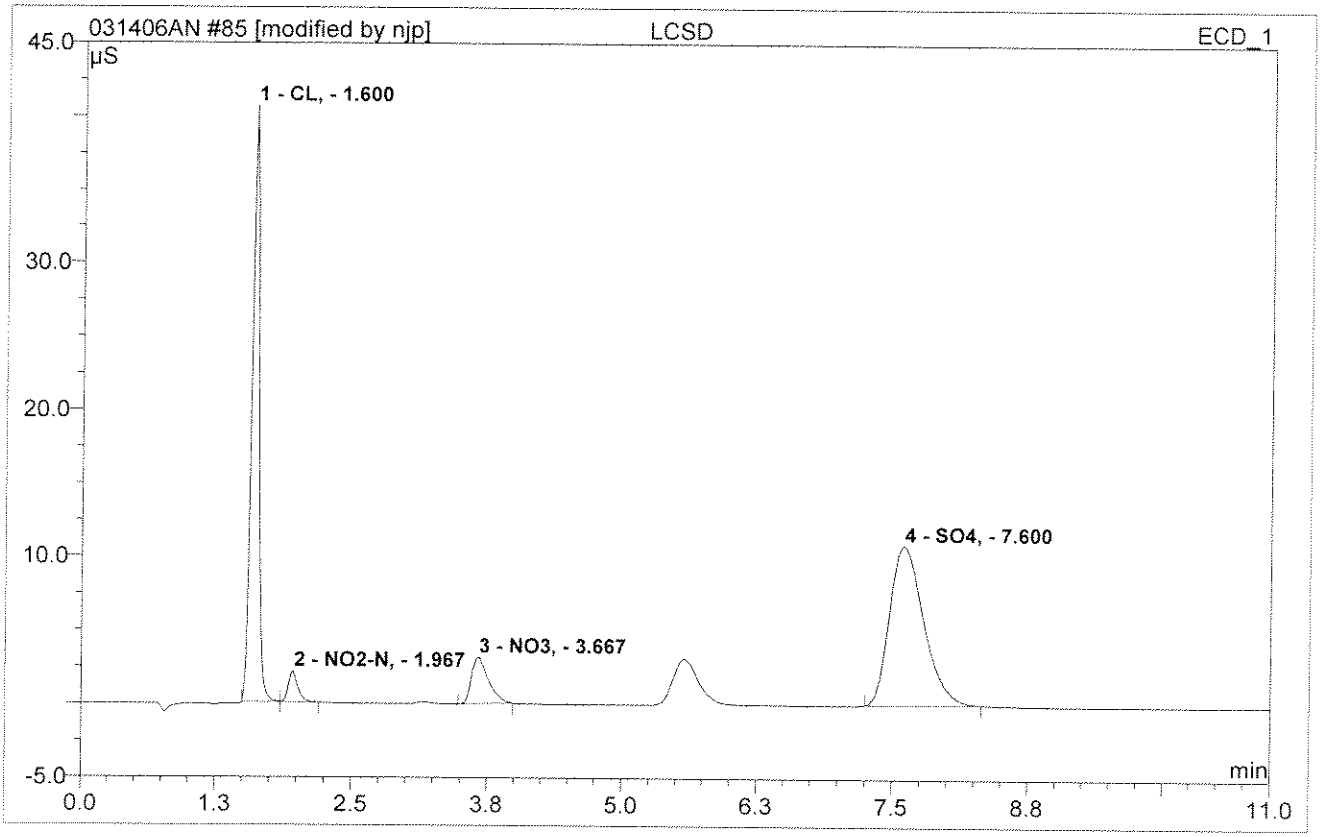
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 2:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	40.353	3.059787	39.54	25.994	BM *
2	1.97	NO2-N,	2.082	0.212159	2.74	0.981	MB*
3	3.67	NO3,	3.131	0.578424	7.48	2.431	BMB*
4	7.60	SO4,	10.760	3.887582	50.24	51.425	BMB*
Total:			56.326	7.738	100.00	80.831	

85 LCSD

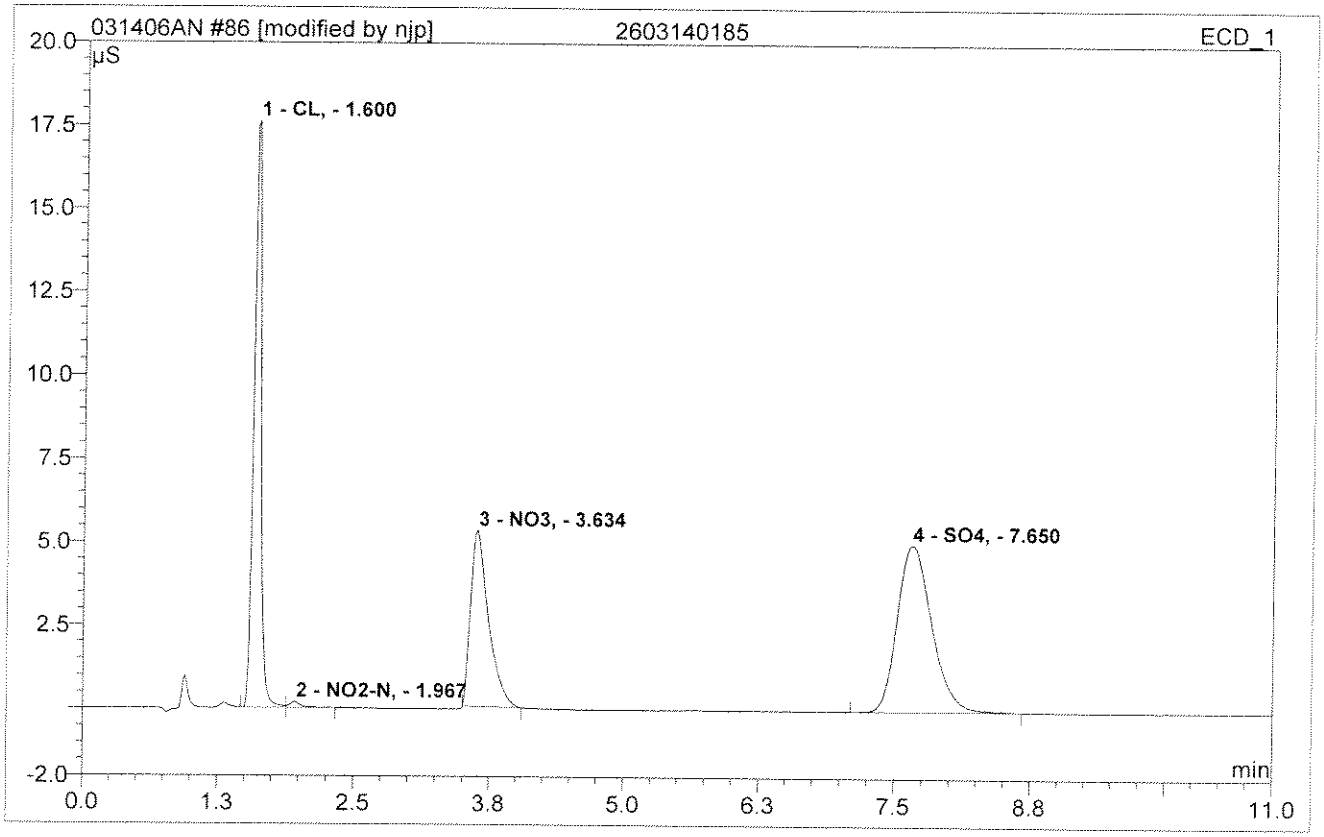
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 3:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	40.603	3.081674	39.38	26.158	BM *
2	1.97	NO2-N,	2.108	0.209437	2.68	0.968	MB*
3	3.67	NO3,	3.143	0.575258	7.35	2.418	BMB*
4	7.60	SO4,	10.815	3.958418	50.59	52.256	BMB*
Total:			56.668	7.825	100.00	81.800	

86 2603140185

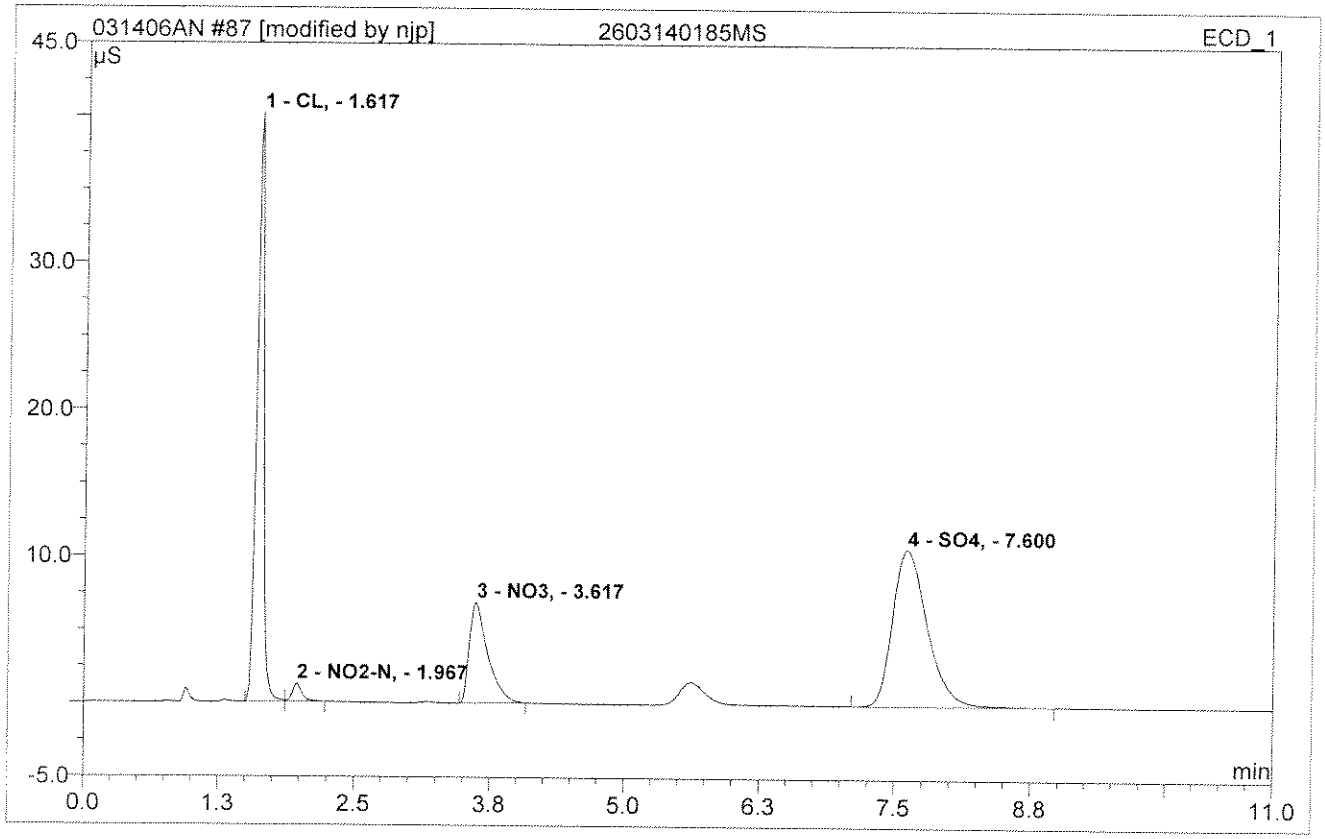
Sample Name:	**2603140185**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 3:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	17.604	1.378335	32.41	12.604	BM
2	1.97	NO2-N,	0.173	0.021370	0.50	0.100	MB
3	3.63	NO3,	5.282	1.020157	23.98	4.206	BMB*
4	7.65	SO4,	5.005	1.833477	43.11	25.865	BMB
Total:			28.064	4.253	100.00	42.775	

87 2603140185MS

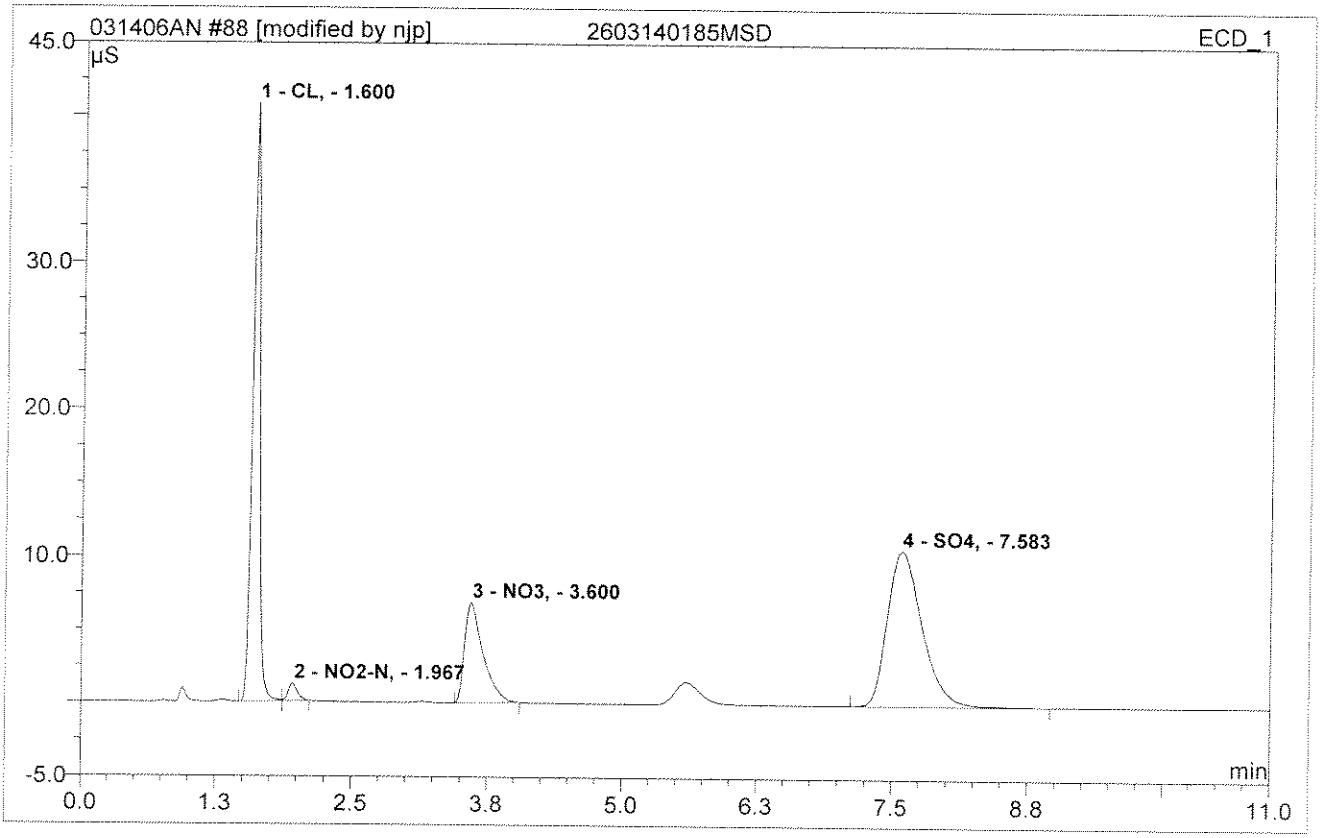
Sample Name:	**2603140185MS**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 3:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	40.176	3.088225	36.19	26.206	BM *
2	1.97	NO2-N,	1.227	0.128064	1.50	0.594	MB*
3	3.62	NO3,	6.886	1.362666	15.97	5.540	BMB*
4	7.60	SO4,	10.669	3.955325	46.35	52.220	BMB
Total:			58.958	8.534	100.00	84.561	

88 2603140185MSD

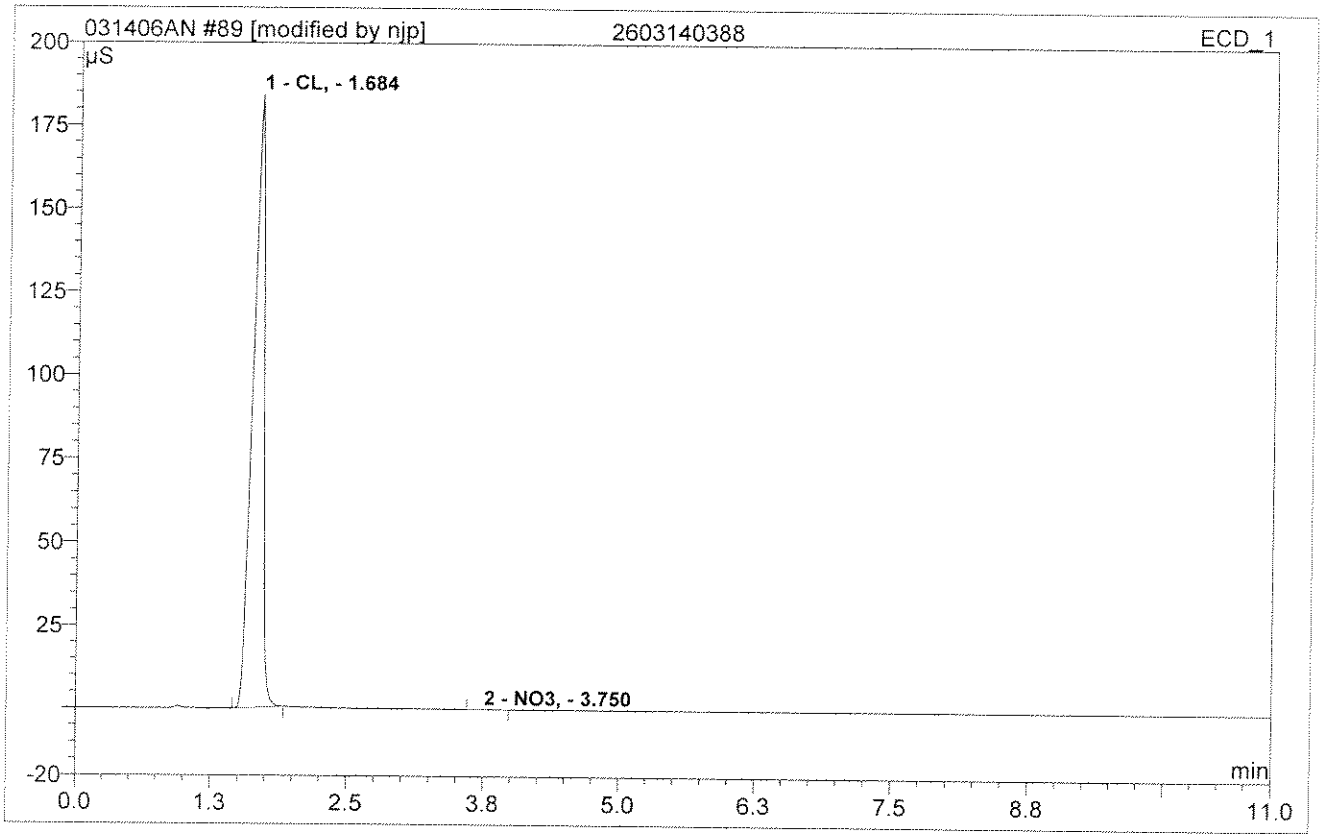
Sample Name:	**2603140185MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 3:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	40.807	3.065770	36.05	26.039	BM *
2	1.97	NO2-N,	1.198	0.118358	1.39	0.550	MB*
3	3.60	NO3,	6.876	1.361646	16.01	5.536	BMB*
4	7.58	SO4,	10.632	3.959065	46.55	52.264	BMB
Total:			59.514	8.505	100.00	84.388	

89 2603140388

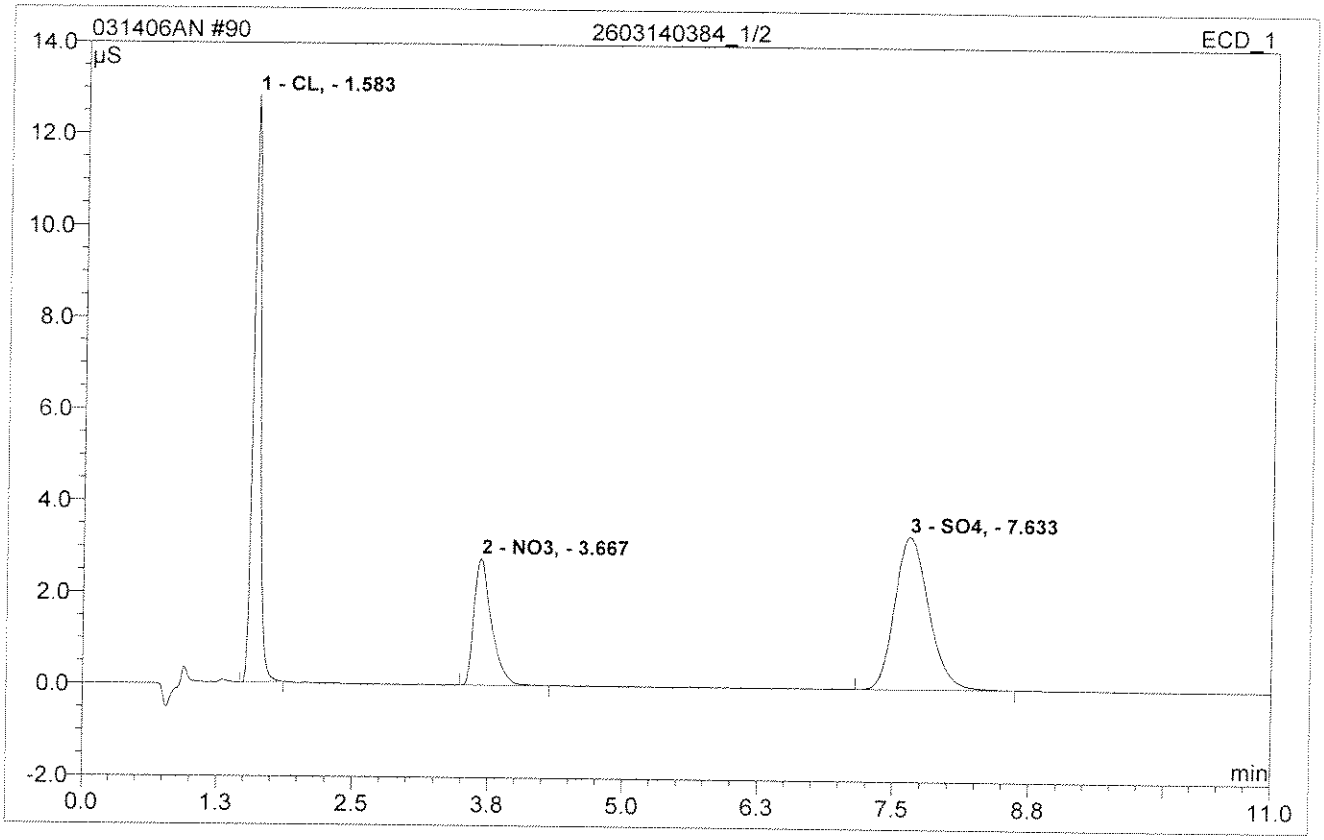
Sample Name:	**2603140388**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 4:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.68	CL,	184.131	21.434585	99.97	121.074	BMB
2	3.75	NO3,	0.045	0.007055	0.03	0.030	BMB*
Total:			184.175	21.442	100.00	121.104	

90 2603140384_1/2

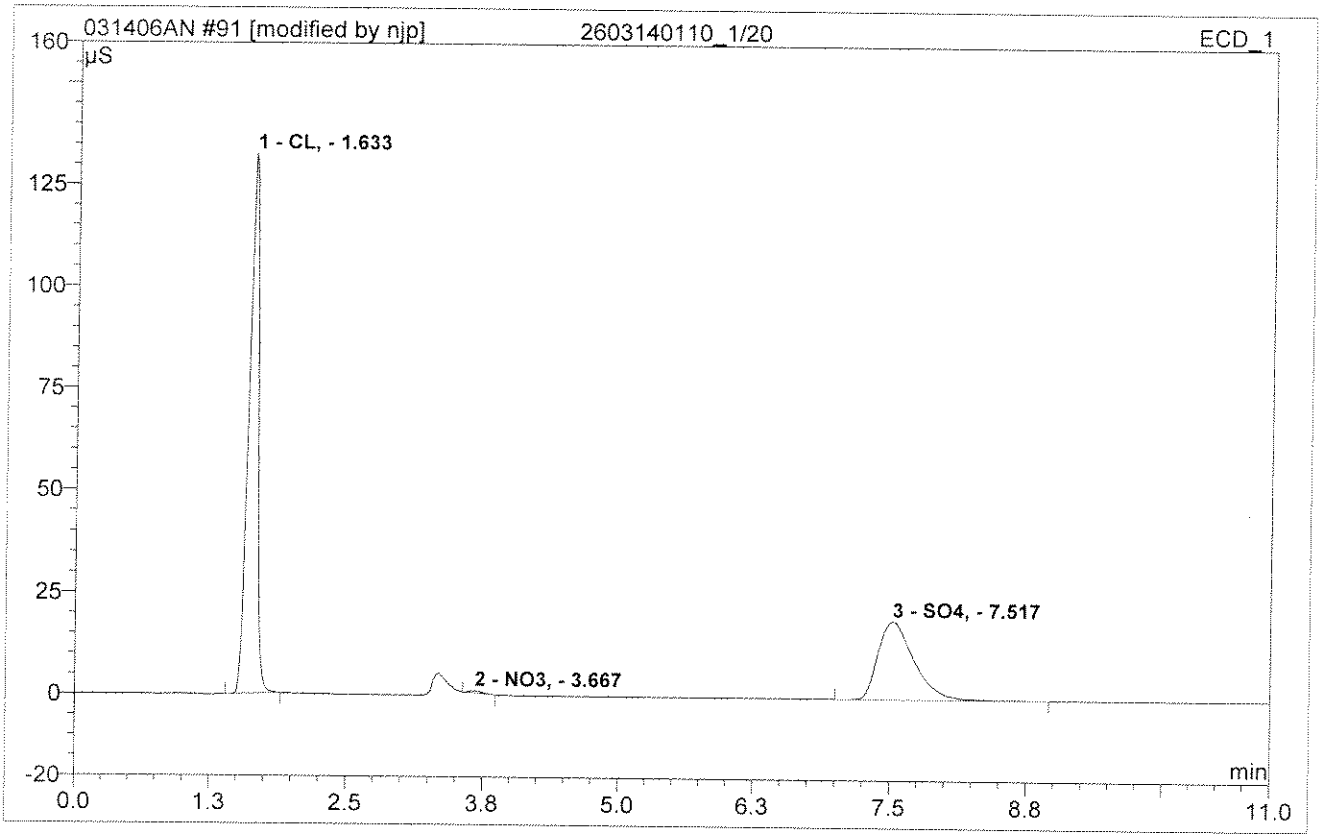
Sample Name:	**2603140384_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 4:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	12.802	0.988113	36.41	18.428	BMB
2	3.67	NO3,	2.760	0.518105	19.09	4.366	BMB
3	7.63	SO4,	3.326	1.207684	44.50	34.838	BMB
Total:			18.889	2.714	100.00	57.633	

91 2603140110_1/20

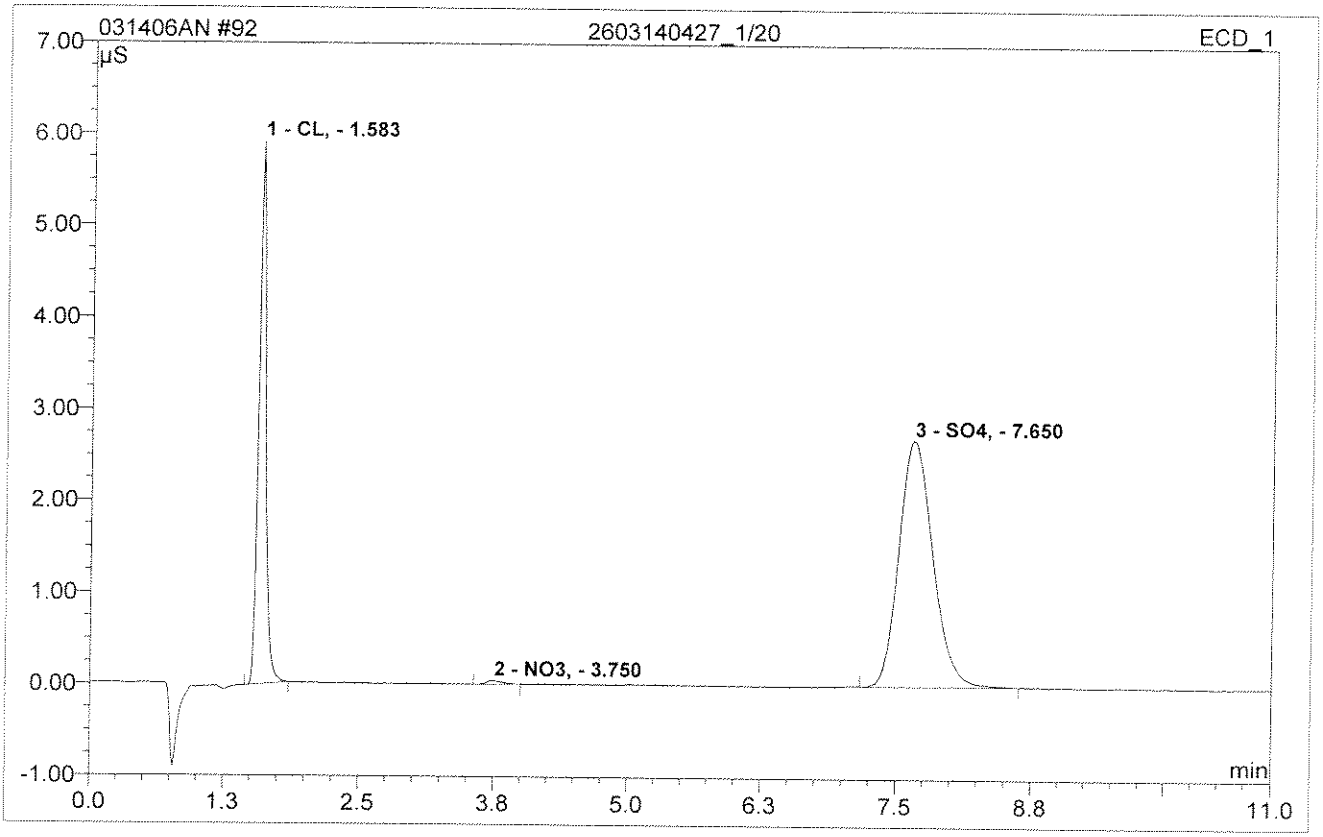
Sample Name:	**2603140110_1/20**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**20.00**
Recording Time:	**3/15/2006 4:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	132.420	13.254979	64.13	1711.549	BMB
2	3.67	NO3,	0.543	0.077773	0.38	6.689	BMB*
3	7.52	SO4,	19.141	7.337376	35.50	1778.593	BMB
Total:			152.104	20.670	100.00	3496.830	

92 2603140427_1/20

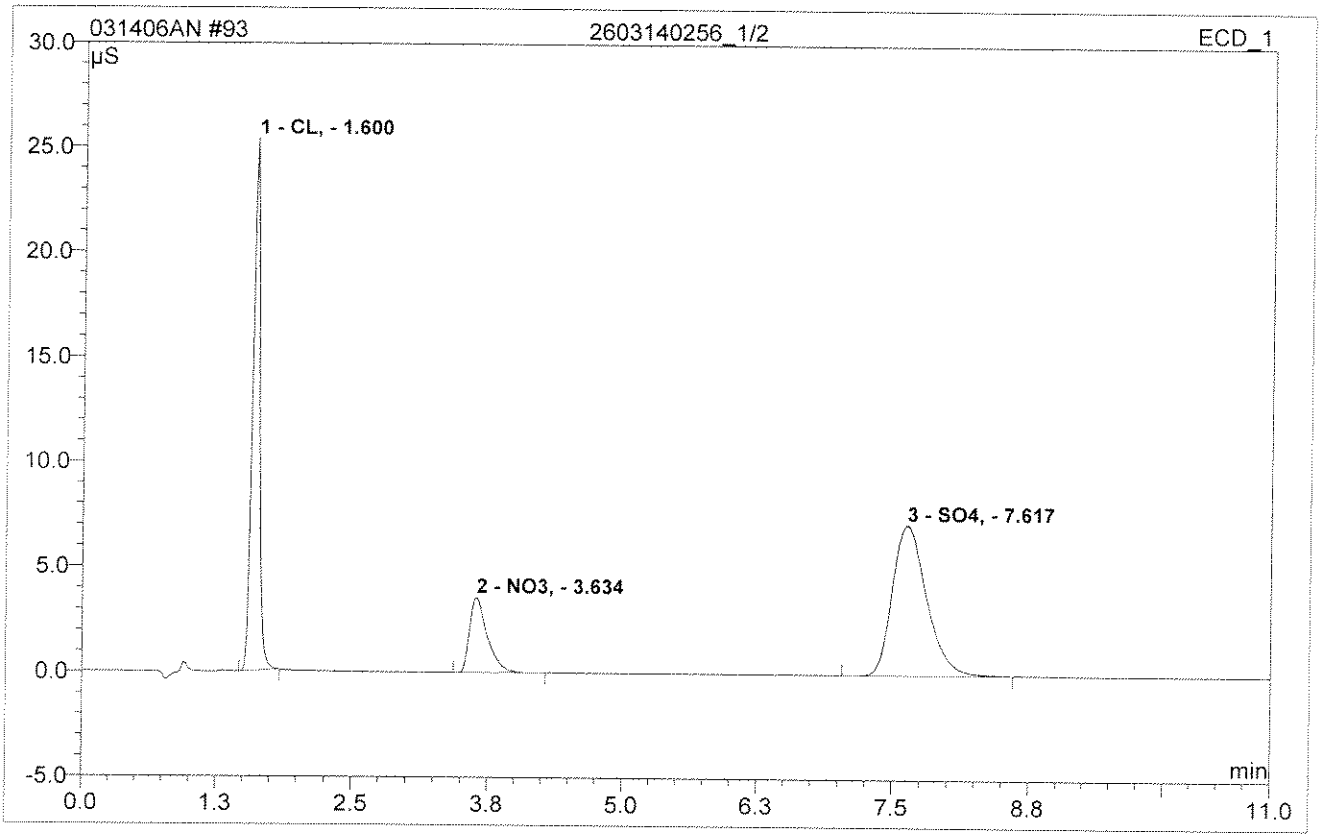
Sample Name:	**2603140427_1/20**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**20.00**
Recording Time:	**3/15/2006 4:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	5.922	0.465730	32.07	89.326	BMB
2	3.75	NO3,	0.040	0.006645	0.46	0.573	BMB
3	7.65	SO4,	2.684	0.979840	67.47	285.053	BMB
Total:			8.646	1.452	100.00	374.952	

93 2603140256_1/2

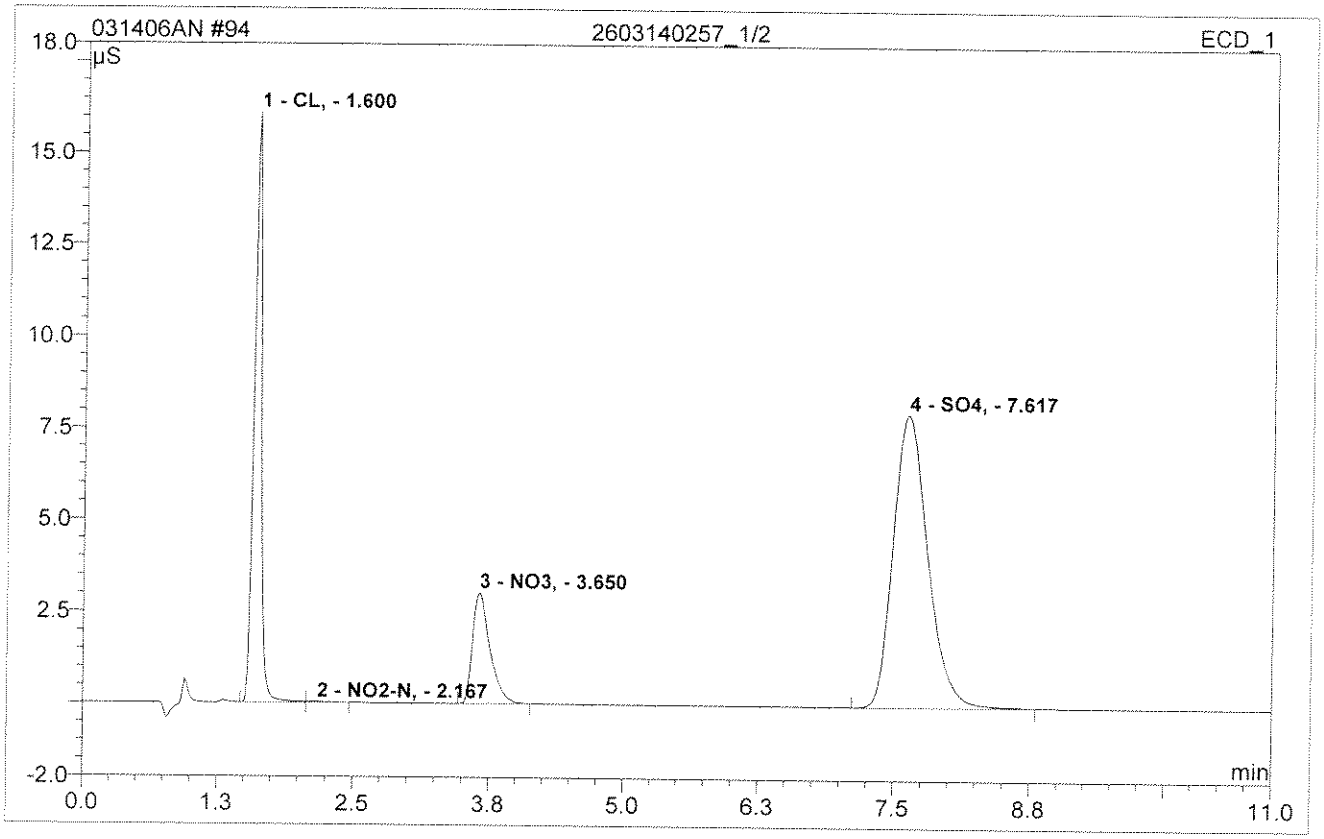
Sample Name:	**2603140256_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 4:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	25.354	1.902101	36.62	33.942	BMB
2	3.63	NO3,	3.560	0.678118	13.06	5.675	BMB
3	7.62	SO4,	7.125	2.613673	50.32	71.861	BMB
Total:			36.039	5.194	100.00	111.478	

94 2603140257_1/2

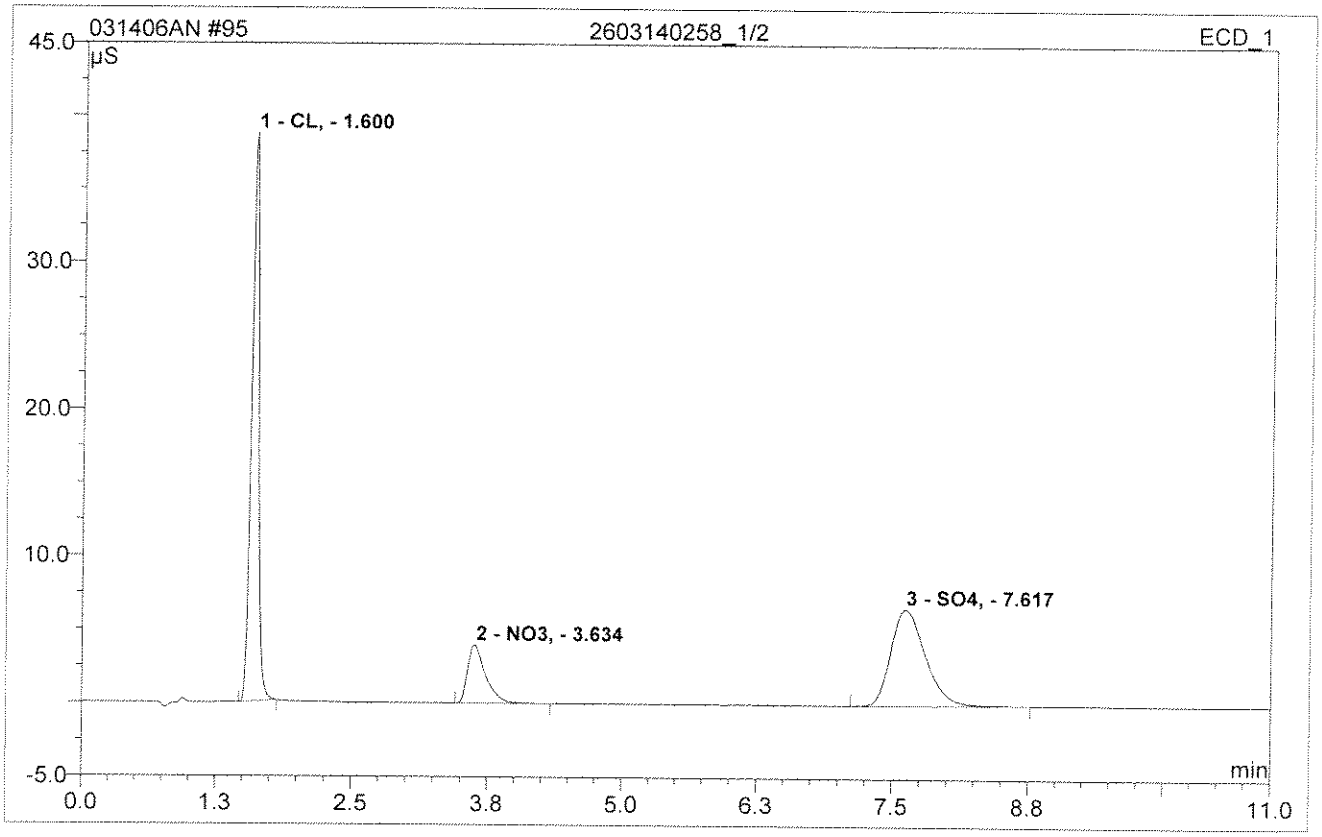
Sample Name:	**2603140257_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 5:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	16.098	1.251445	26.22	23.031	BM
2	2.17	NO2-N,	0.017	0.003875	0.08	0.036	MB
3	3.65	NO3,	3.026	0.567791	11.90	4.775	BMB
4	7.62	SO4,	7.982	2.949741	61.80	80.249	BMB
Total:			27.122	4.773	100.00	108.090	

95 2603140258_1/2

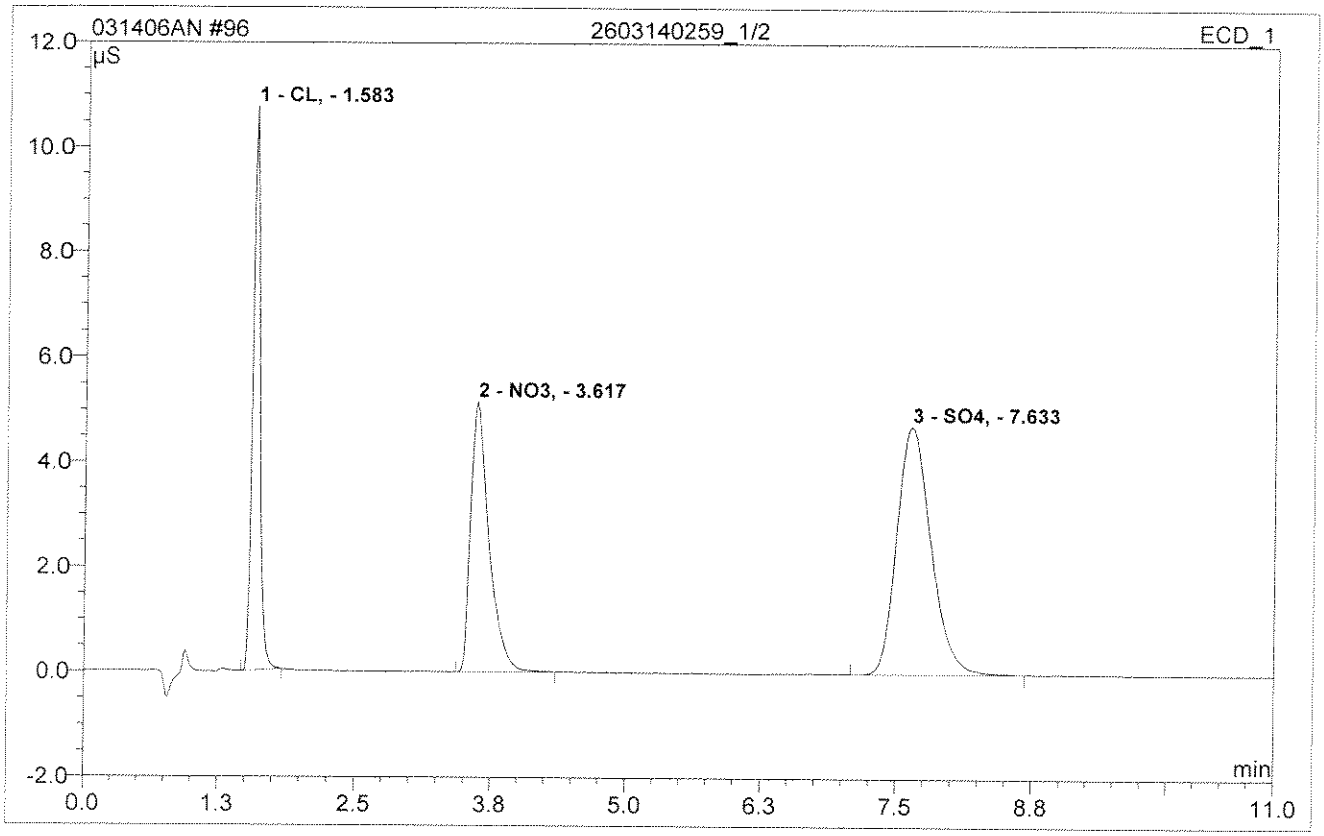
Sample Name:	**2603140258_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 5:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	38.753	3.011303	48.54	51.263	BMB
2	3.63	NO3,	3.956	0.759595	12.25	6.334	BMB
3	7.62	SO4,	6.582	2.432373	39.21	67.268	BMB
Total:			49.291	6.203	100.00	124.865	

96 2603140259_1/2

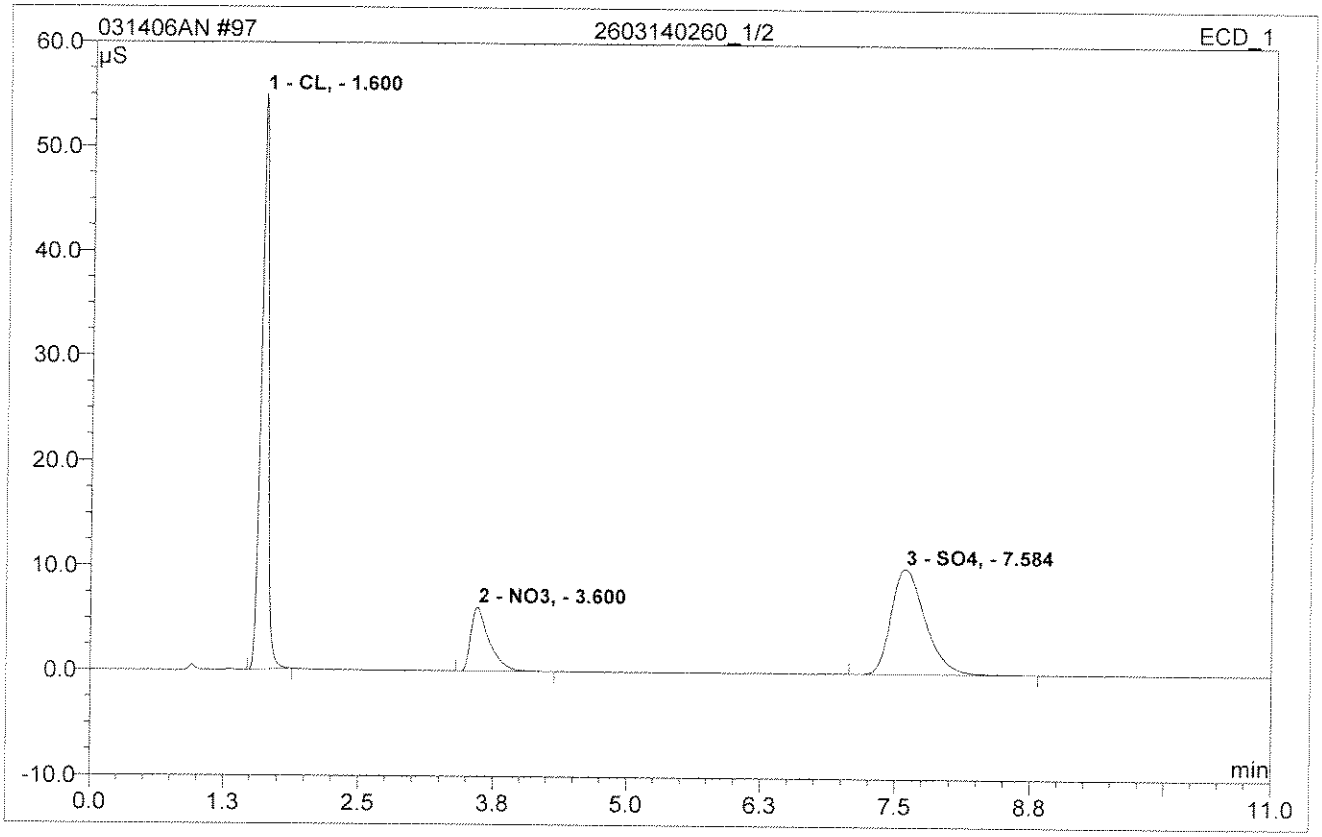
Sample Name:	**2603140259_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 5:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	10.761	0.823914	23.09	15.498	BMB
2	3.62	NO3,	5.156	1.013585	28.41	8.361	BMB
3	7.63	SO4,	4.729	1.730562	48.50	48.999	BMB
Total:			20.646	3.568	100.00	72.858	

97 2603140260_1/2

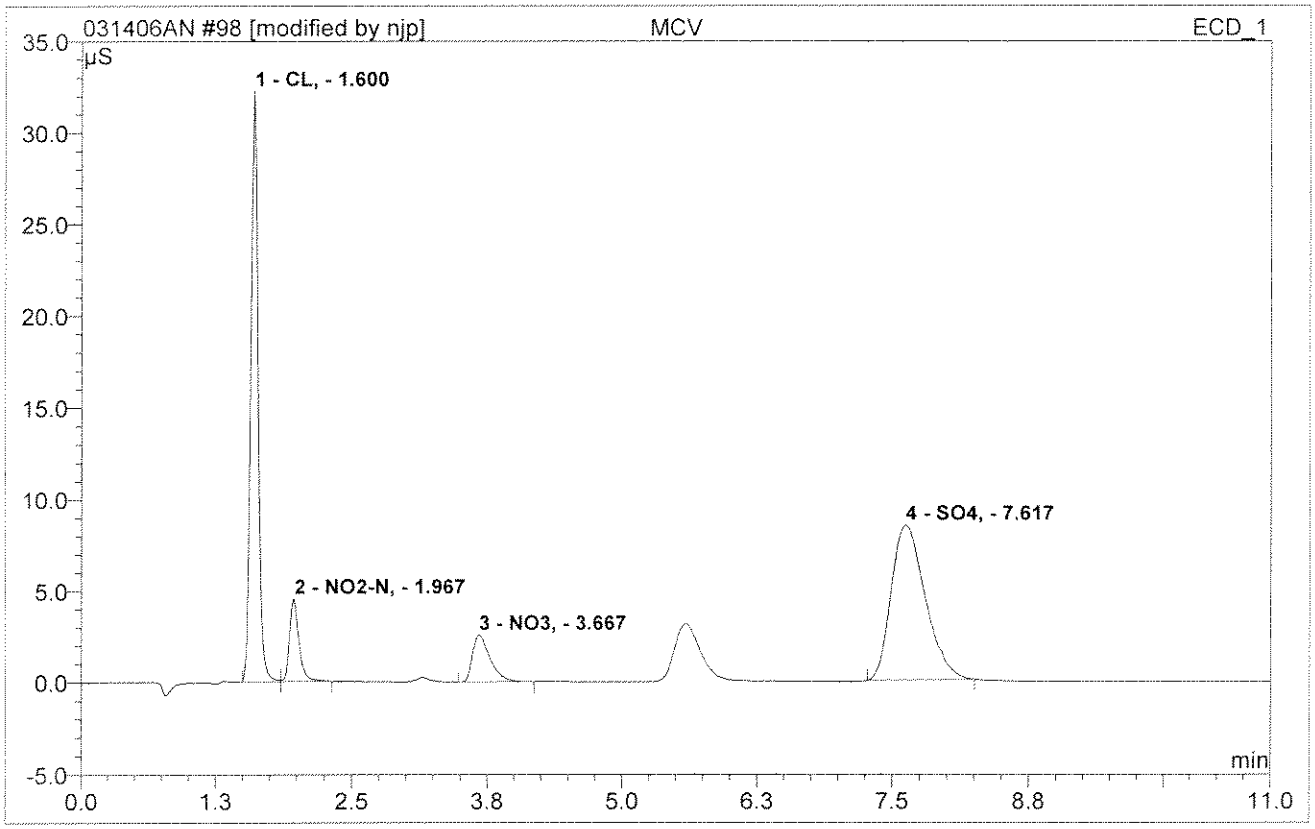
Sample Name:	**2603140260_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 5:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	54.919	4.378380	46.93	70.851	BMB
2	3.60	NO3,	6.109	1.203073	12.89	9.846	BMB
3	7.58	SO4,	10.096	3.748642	40.18	99.572	BMB
Total:			71.125	9.330	100.00	180.269	

98 MCV

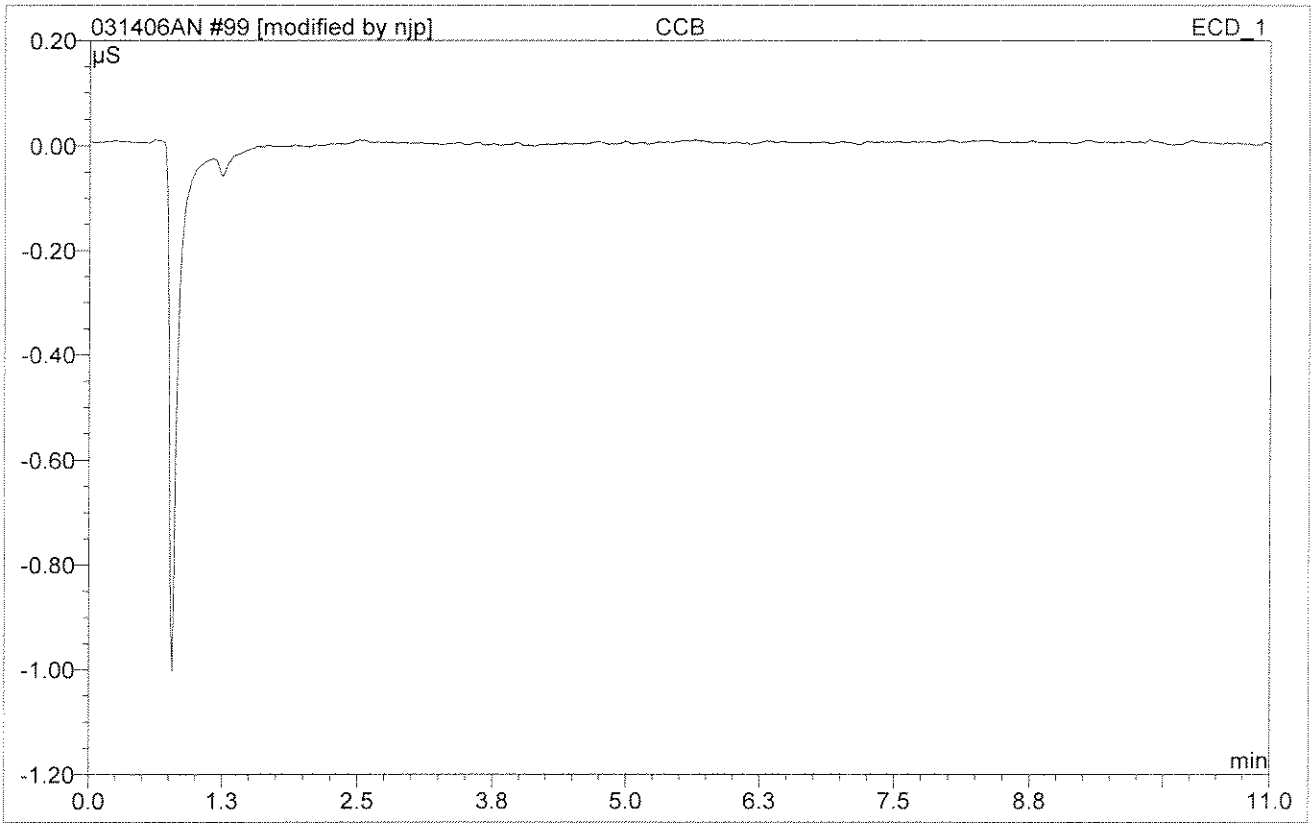
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 6:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	32.229	2.441112	37.86	21.271	BM *
2	1.97	NO2-N,	4.536	0.450903	6.99	2.063	MB*
3	3.67	NO3,	2.583	0.486286	7.54	2.052	BMB
4	7.62	SO4,	8.494	3.069949	47.61	41.605	BMB*
Total:			47.842	6.448	100.00	66.991	

99 CCB

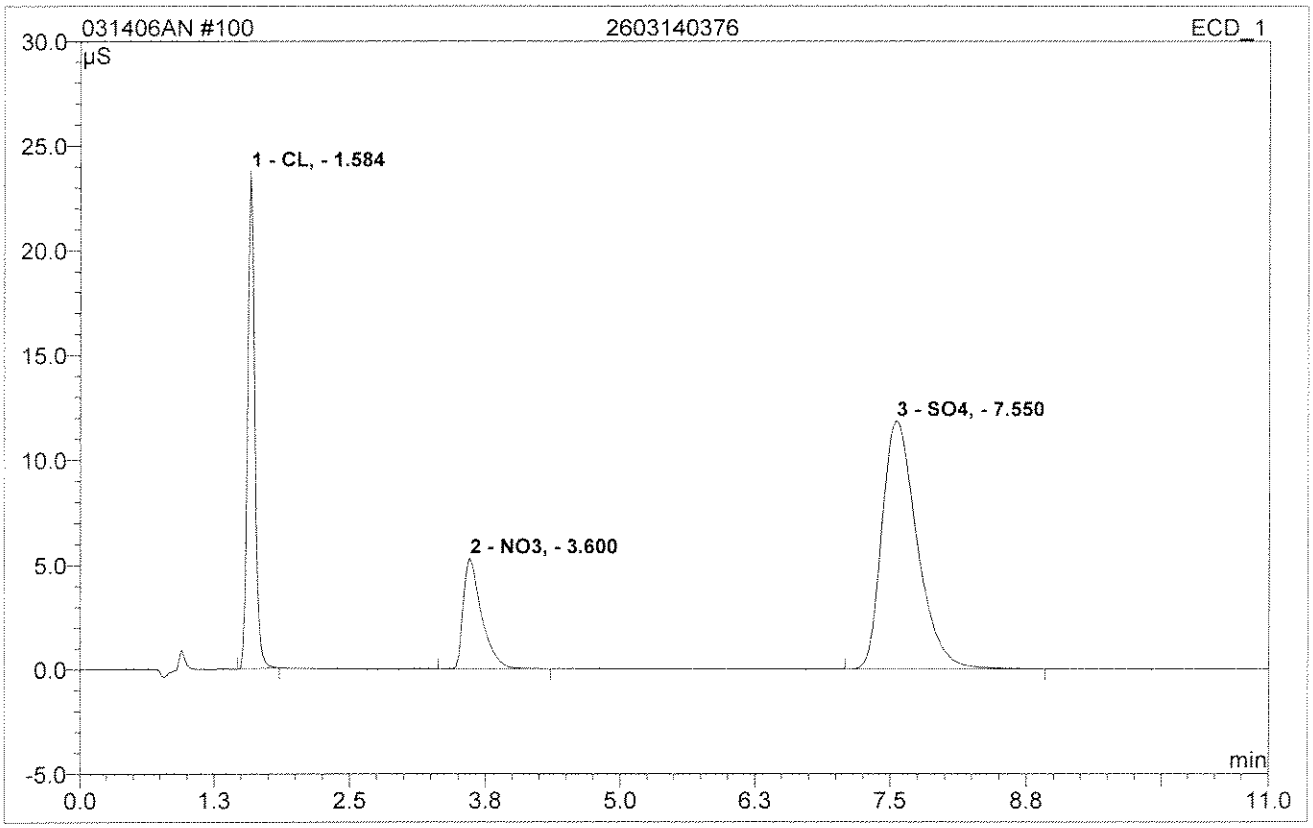
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**30**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 6:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

100 2603140376

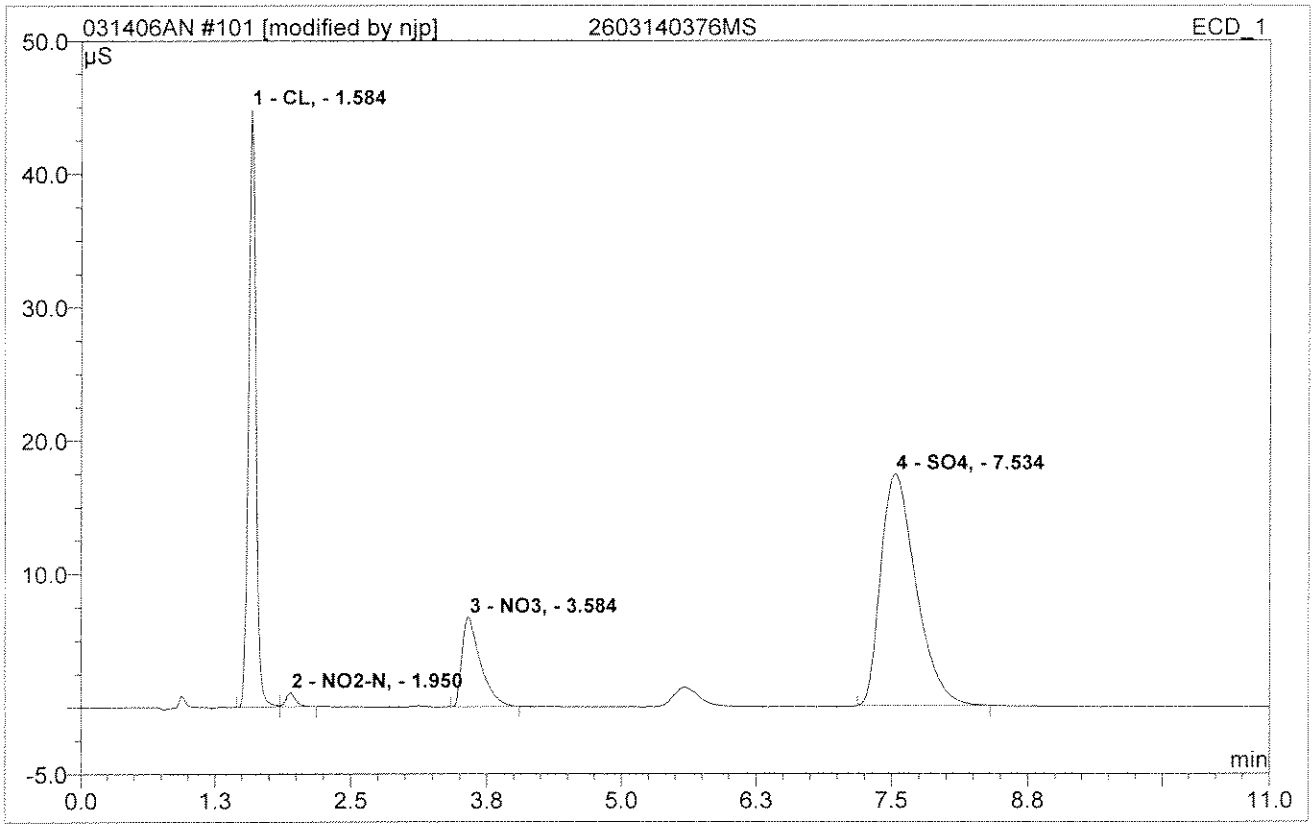
Sample Name:	**2603140376**	*Injection Volume:*	**1000.0**
Vial Number:	**31**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 6:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	23.744	1.782700	24.57	31.986	BMB
2	3.60	NO3,	5.316	1.041601	14.36	8.582	BMB
3	7.55	SO4,	11.845	4.431010	61.07	115.454	BMB
Total:			40.906	7.255	100.00	156.021	

101 2603140376MS

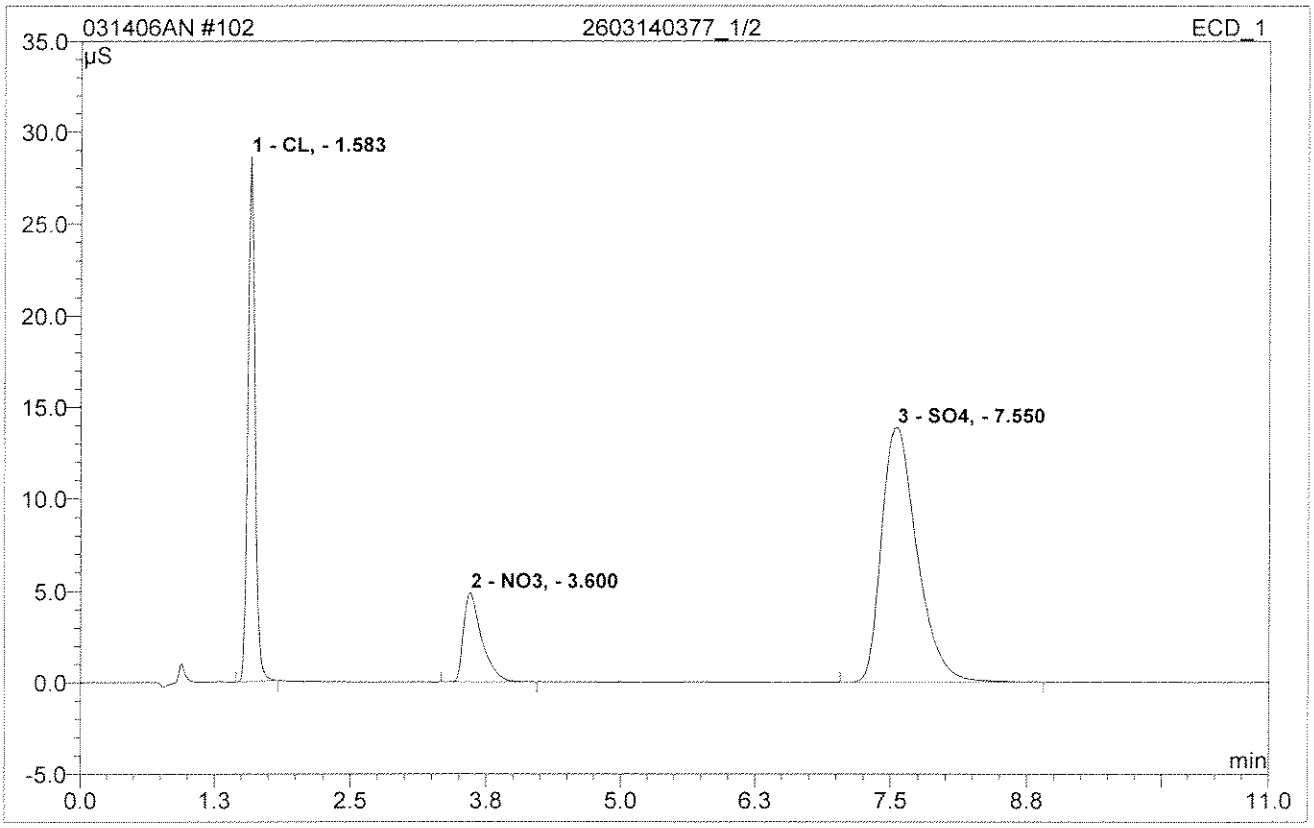
Sample Name:	**2603140376MS**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 6:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	44.811	3.489019	30.45	58.306	BM *
2	1.95	NO2-N,	1.071	0.113377	0.99	1.053	MB*
3	3.58	NO3,	6.714	1.333710	11.64	10.858	BMB*
4	7.53	SO4,	17.356	6.522013	56.92	161.108	BMB*
Total:			69.951	11.458	100.00	231.324	

102 2603140377_1/2

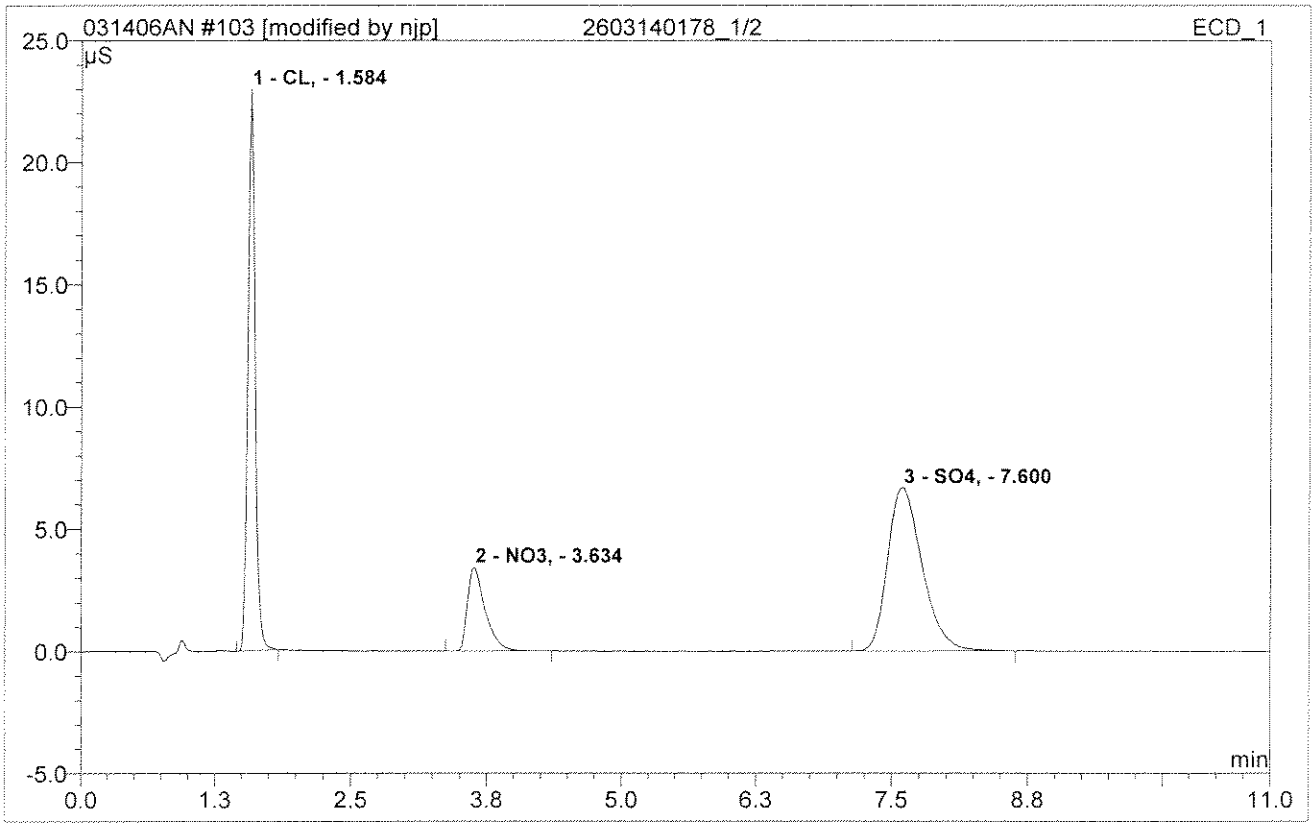
Sample Name:	**2603140377_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 6:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	28.600	2.137862	25.62	37.749	BMB
2	3.60	NO3,	4.907	0.957474	11.48	7.917	BMB
3	7.55	SO4,	13.876	5.248187	62.90	133.800	BMB
Total:			47.383	8.344	100.00	179.465	

103 2603140178_1/2

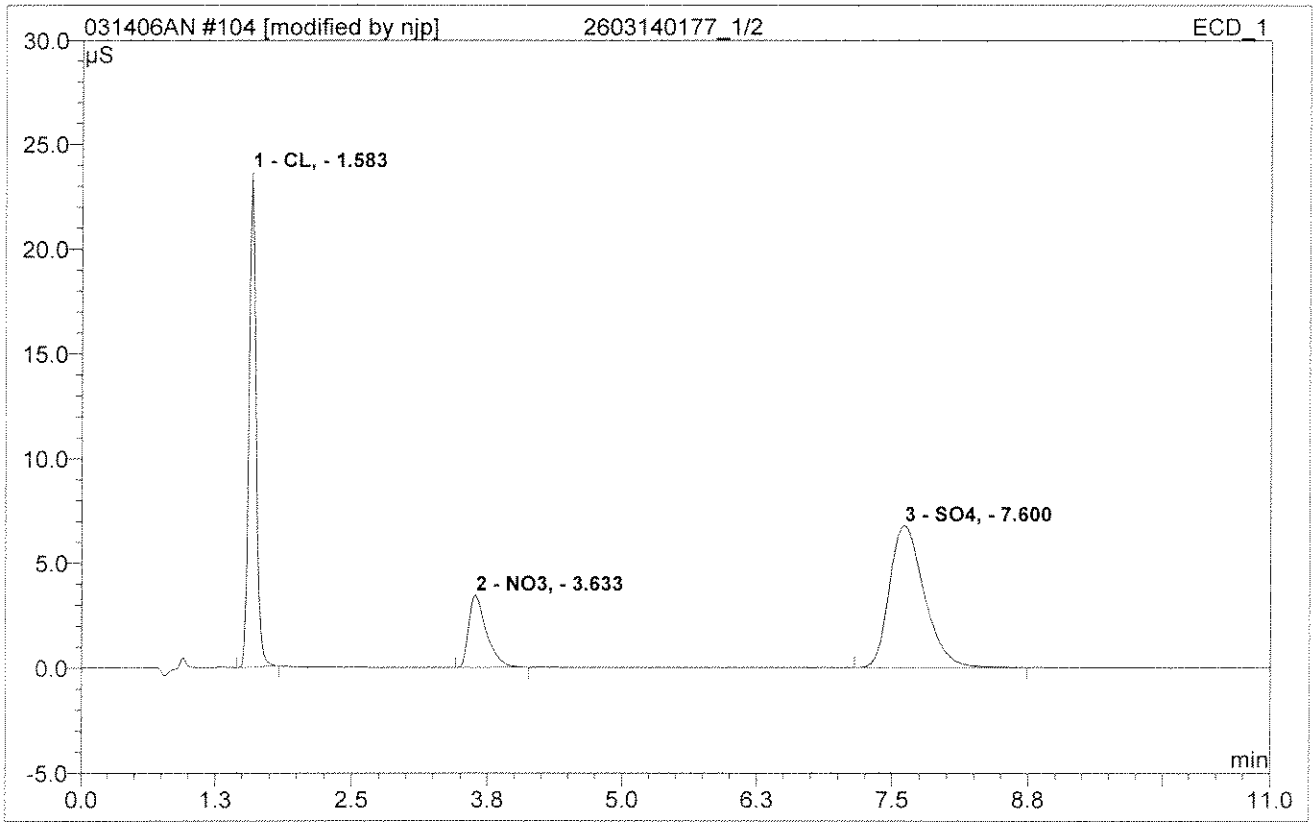
Sample Name:	**2603140178_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 7:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	22.974	1.722448	35.68	30.991	BMB
2	3.63	NO3,	3.424	0.651731	13.50	5.460	BMB
3	7.60	SO4,	6.666	2.453127	50.82	67.796	BMB
Total:			33.064	4.827	100.00	104.247	

104 2603140177_1/2

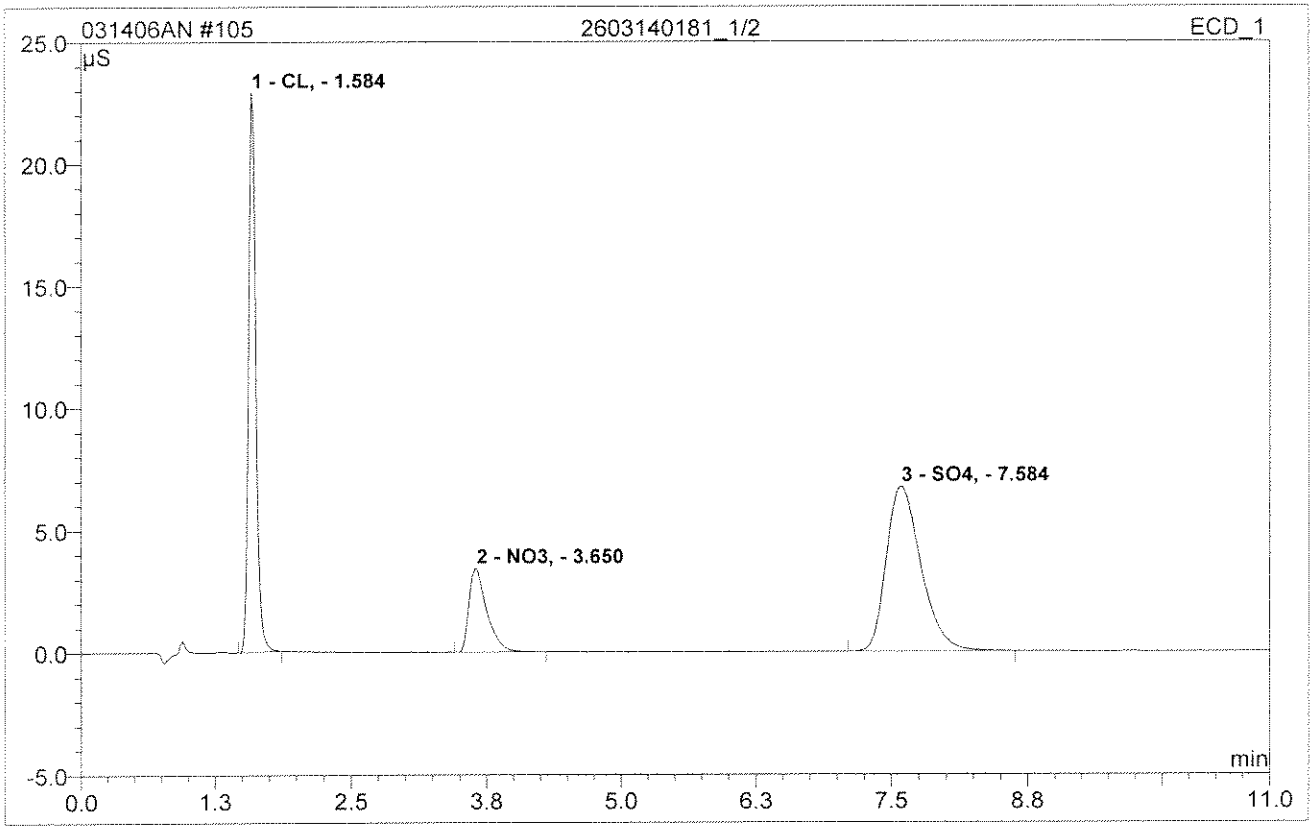
Sample Name:	**2603140177_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 7:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	23.619	1.765881	35.73	31.708	BMB
2	3.63	NO3,	3.455	0.658854	13.33	5.518	BMB*
3	7.60	SO4,	6.780	2.518168	50.95	69.448	BMB
Total:			33.853	4.943	100.00	106.674	

105 2603140181_1/2

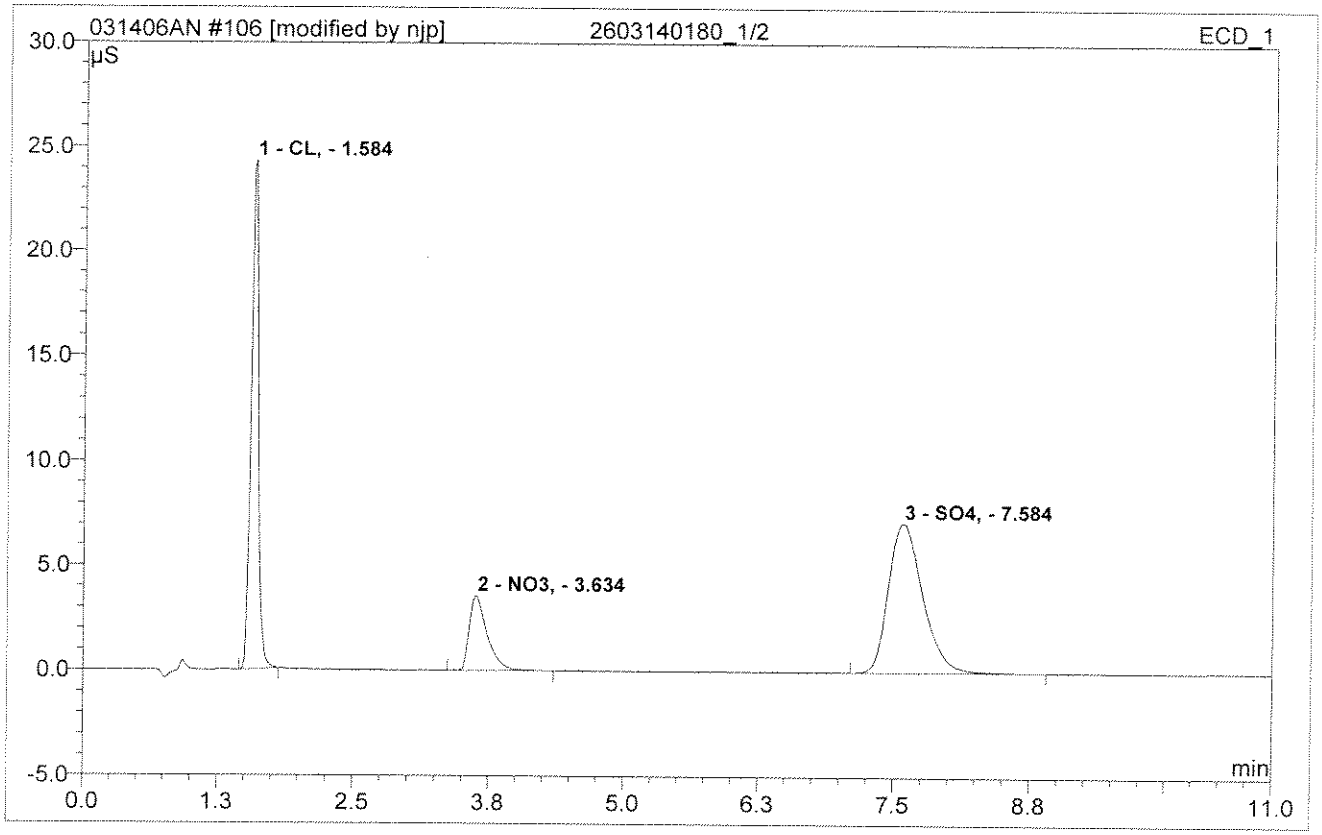
Sample Name:	**2603140181_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 7:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	22.914	1.769209	36.05	31.763	BMB
2	3.65	NO3,	3.432	0.656085	13.37	5.496	BMB
3	7.58	SO4,	6.743	2.482943	50.59	68.554	BMB
Total:			33.089	4.908	100.00	105.813	

106 2603140180_1/2

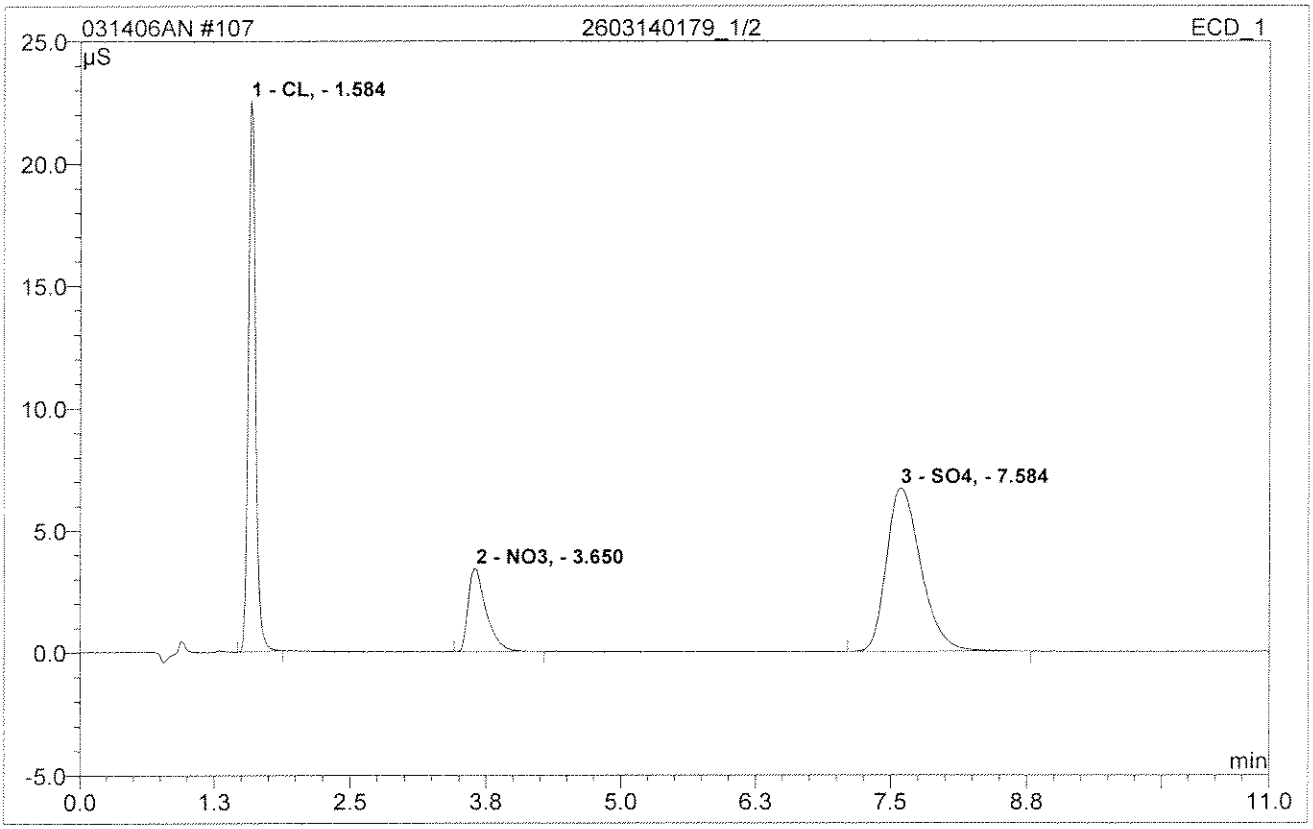
Sample Name:	**2603140180_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 7:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	24.300	1.897612	36.39	33.869	BMB
2	3.63	NO3,	3.562	0.682832	13.09	5.713	BMB
3	7.58	SO4,	7.145	2.634467	50.52	72.385	BMB
Total:			35.006	5.215	100.00	111.967	

107 2603140179_1/2

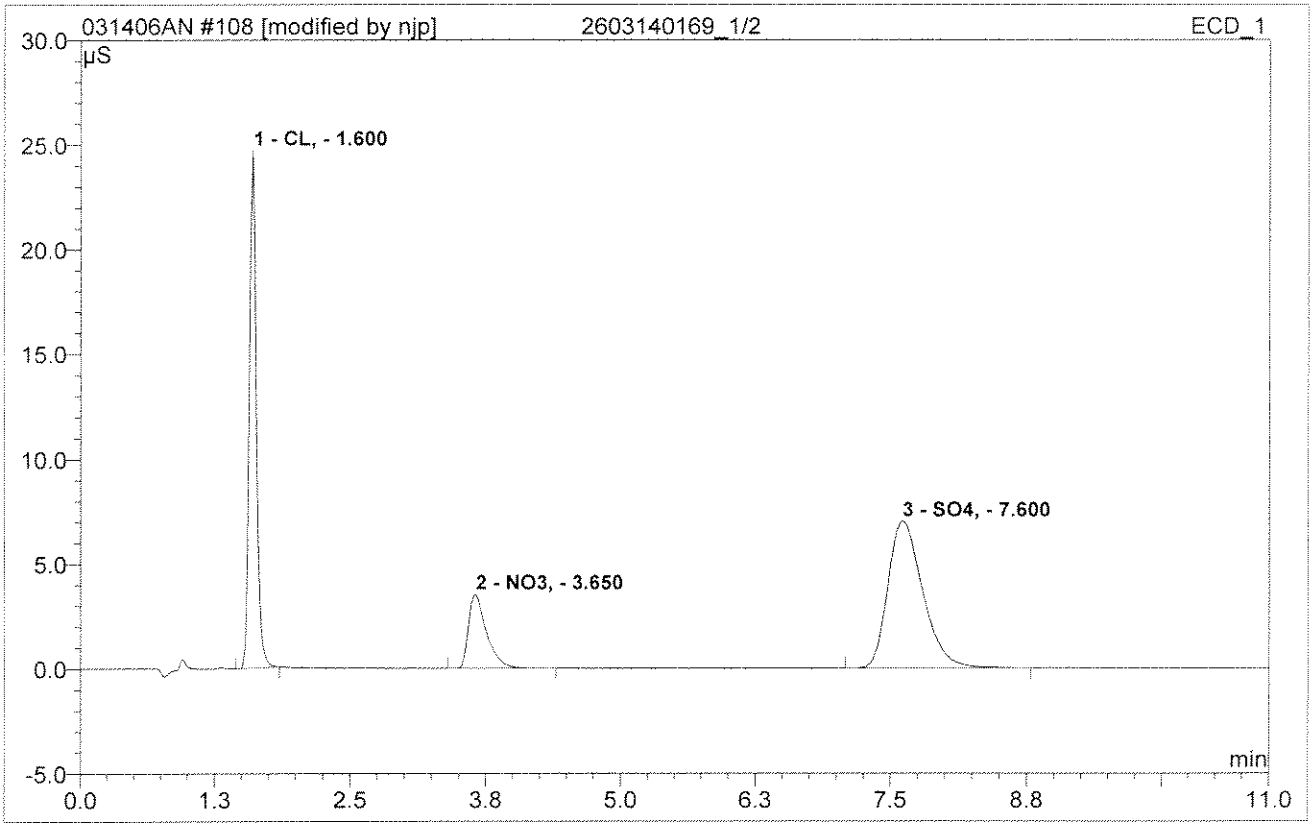
Sample Name:	**2603140179_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 8:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	22.540	1.754722	35.96	31.524	BMB
2	3.65	NO3,	3.421	0.656278	13.45	5.497	BMB
3	7.58	SO4,	6.708	2.468547	50.59	68.188	BMB
Total:			32.670	4.880	100.00	105.210	

108 2603140169_1/2

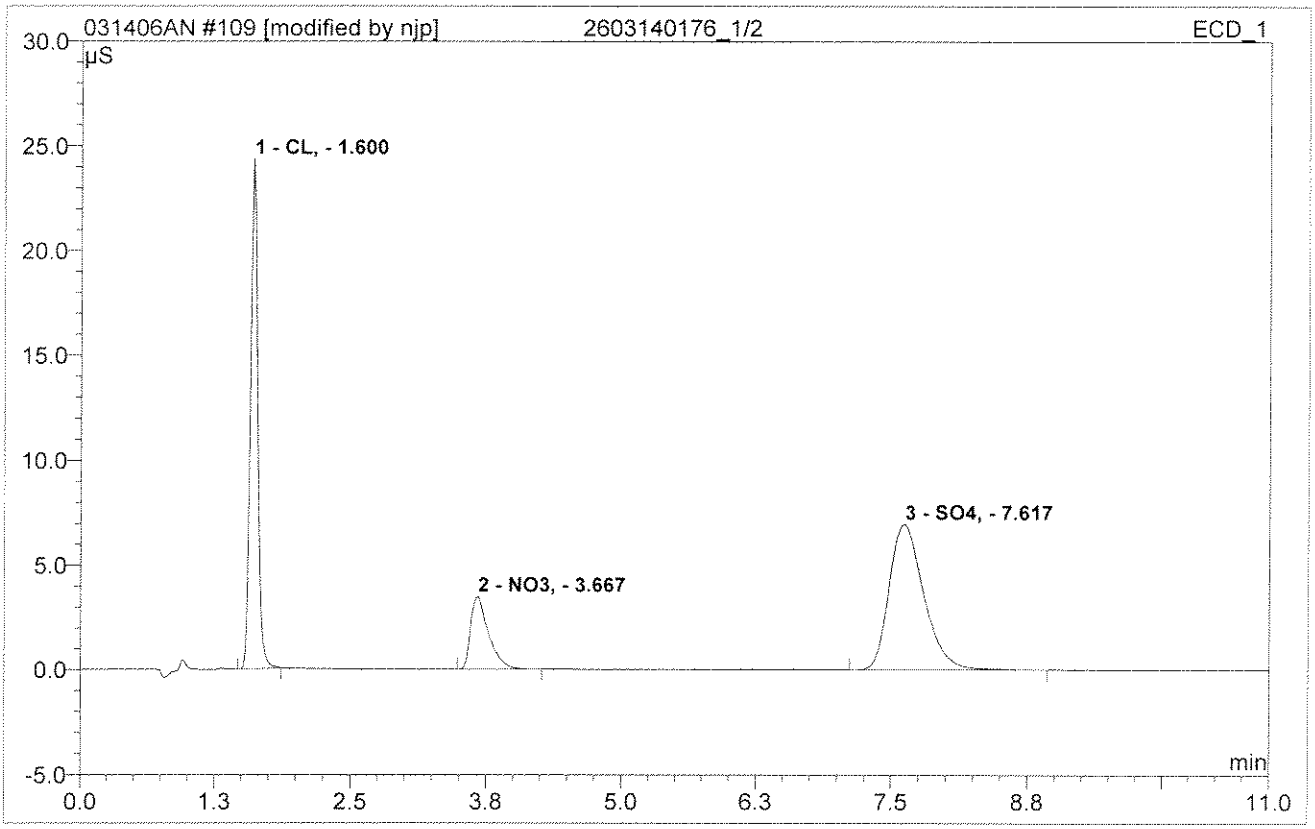
Sample Name:	**2603140169_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 8:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	24.705	1.844933	35.90	33.008	BMB
2	3.65	NO3,	3.534	0.678858	13.21	5.681	BMB
3	7.60	SO4,	7.019	2.615815	50.90	71.915	BMB*
Total:			35.258	5.140	100.00	110.604	

109 2603140176_1/2

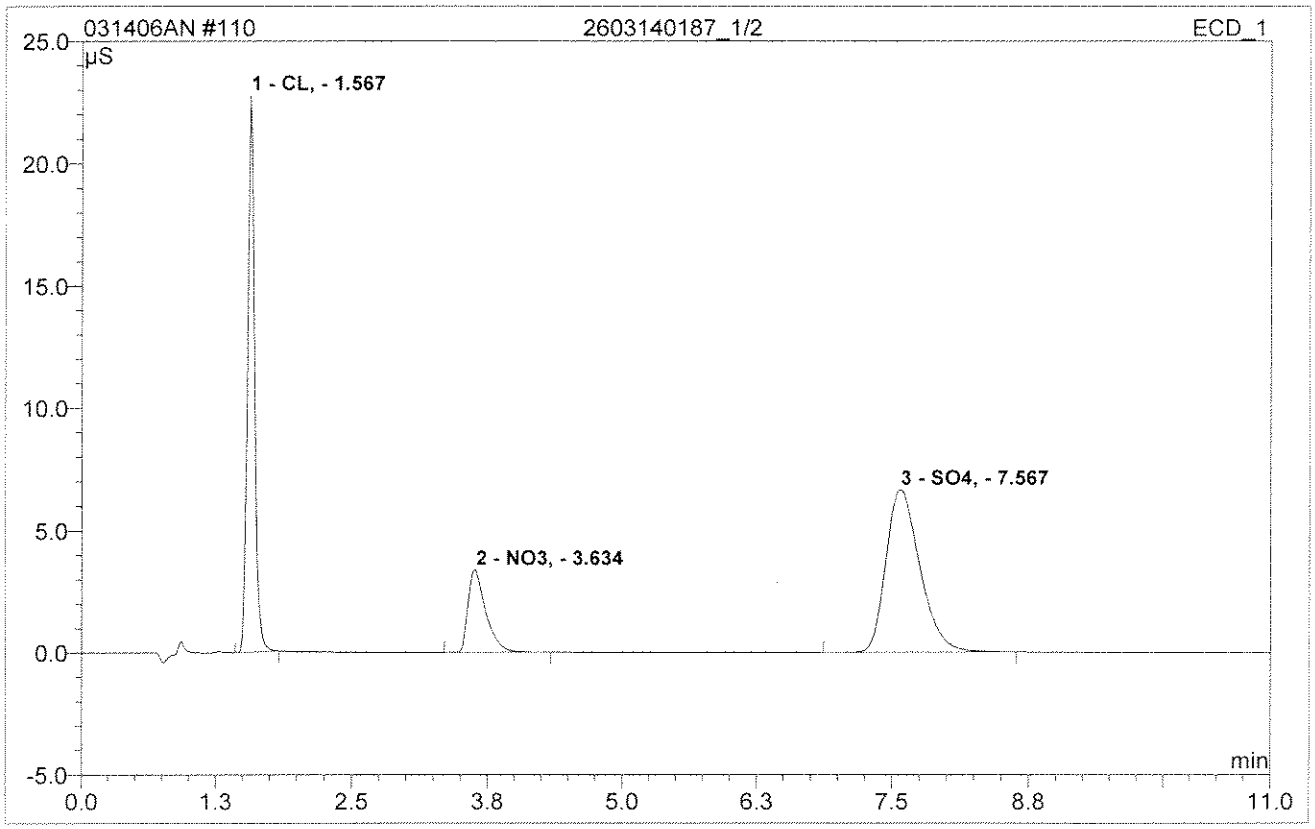
Sample Name:	**2603140176_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 8:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	24.346	1.850227	36.20	33.094	BMB
2	3.67	NO3,	3.516	0.673773	13.18	5.639	BMB*
3	7.62	SO4,	6.968	2.586838	50.61	71.184	BMB
Total:			34.830	5.111	100.00	109.918	

110 2603140187_1/2

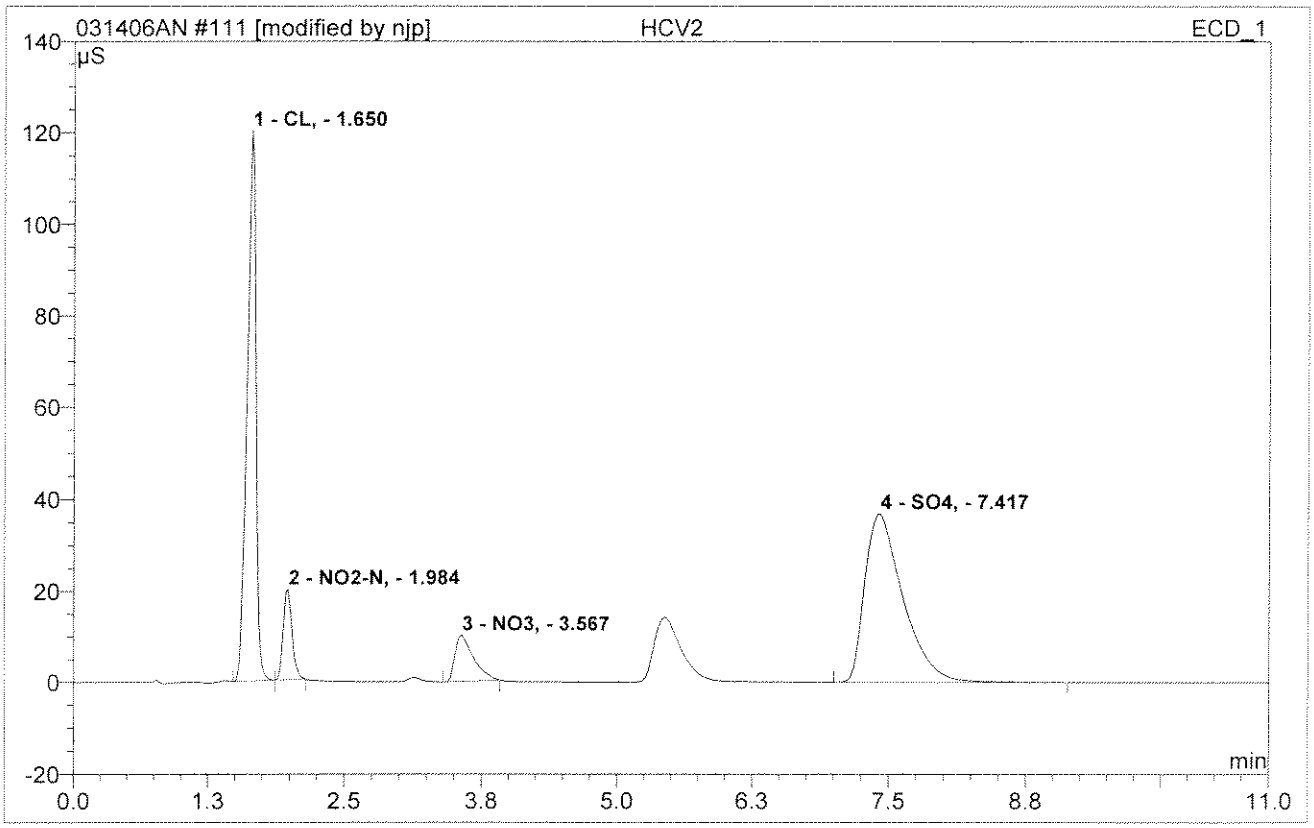
Sample Name:	**2603140187_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 8:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.57	CL,	22.768	1.714880	35.88	30.865	BMB
2	3.63	NO3,	3.389	0.649460	13.59	5.442	BMB
3	7.57	SO4,	6.655	2.414778	50.53	66.819	BMB
Total:			32.812	4.779	100.00	103.126	

111 HCV2

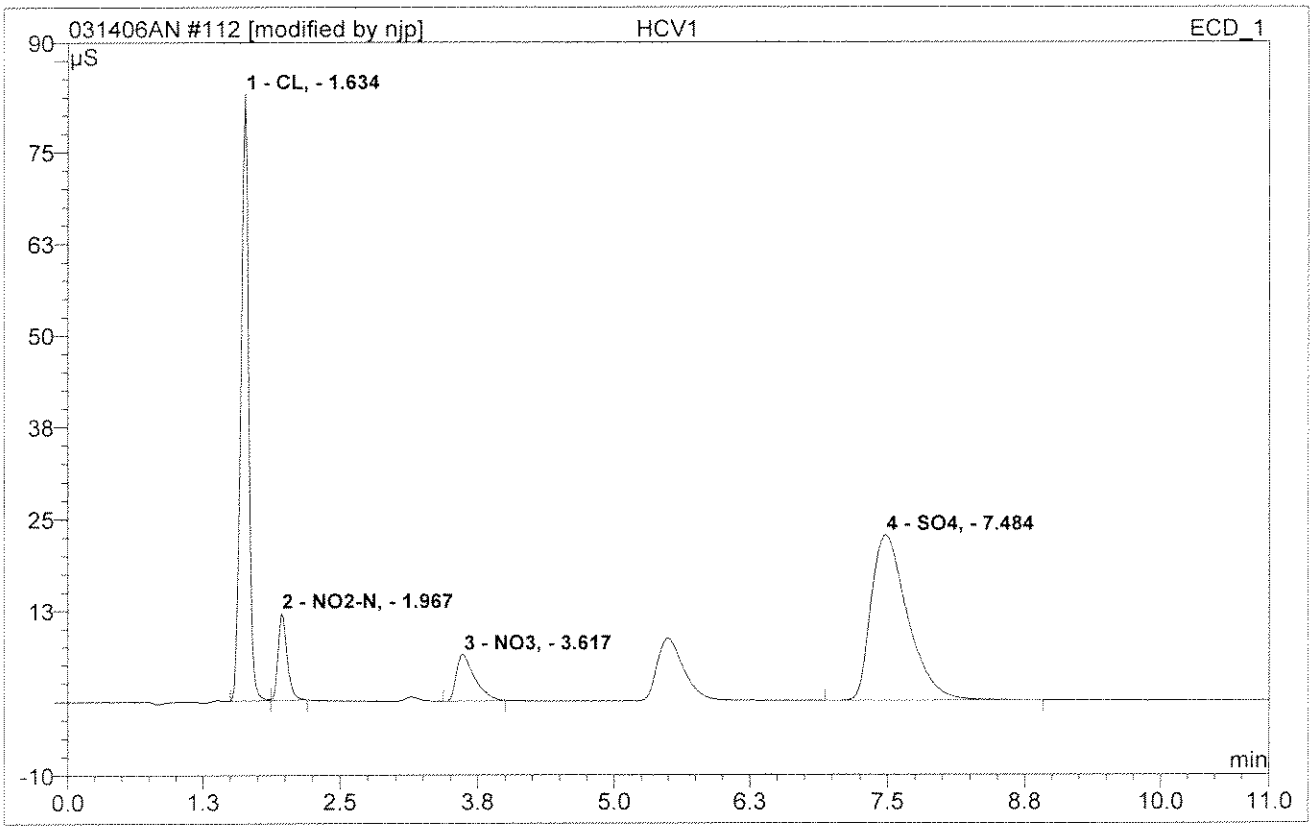
Sample Name:	**HCV2**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 9:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.65	CL,	120.068	11.479304	38.02	76.823	BM *
2	1.98	NO2-N,	19.877	1.857082	6.15	8.029	MB*
3	3.57	NO3,	10.213	1.981718	6.56	7.866	BMB*
4	7.42	SO4,	36.913	14.873041	49.26	156.598	BMB*
Total:			187.071	30.191	100.00	249.315	

112 HCV1

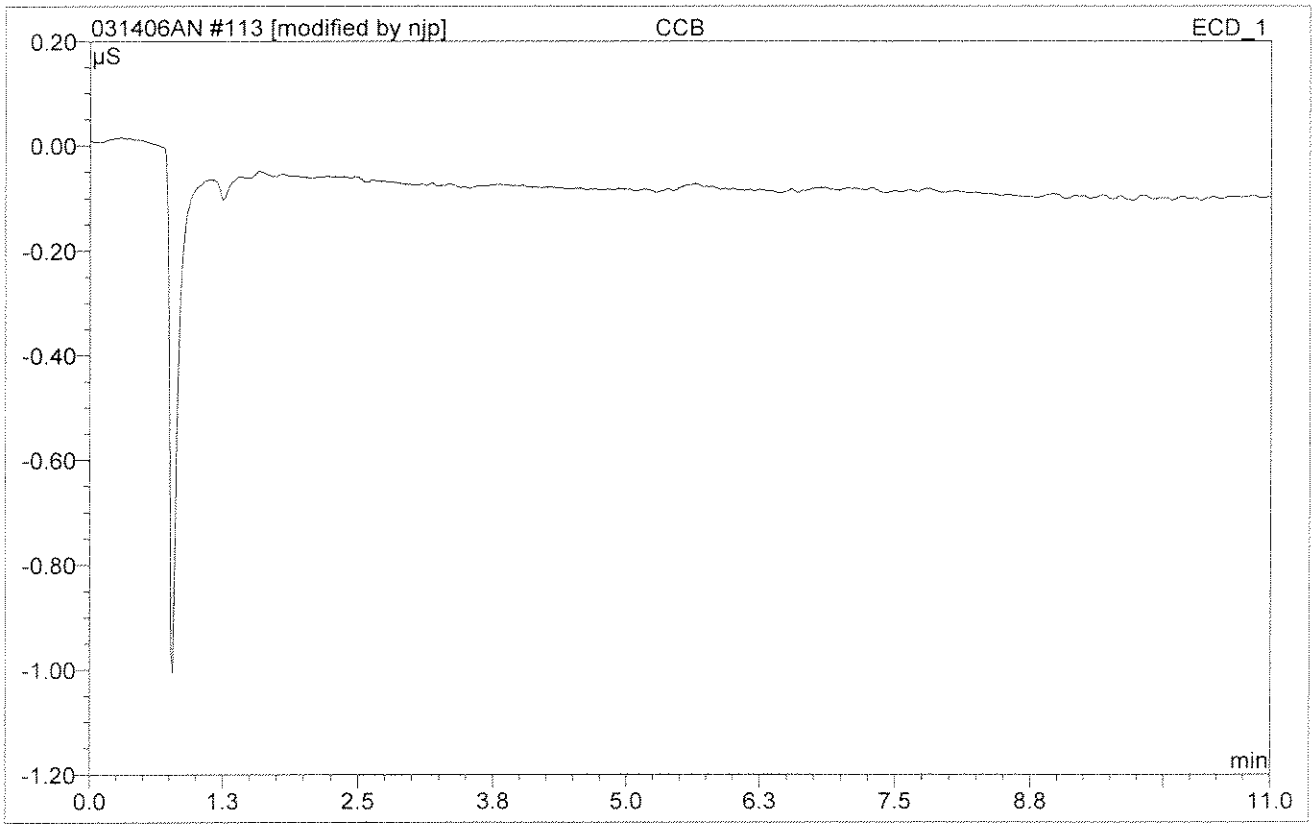
Sample Name:	**HCV1**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 9:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.63	CL,	82.796	6.849096	38.12	51.303	BM *
2	1.97	NO2-N,	11.943	1.138059	6.33	5.059	MB*
3	3.62	NO3,	6.393	1.242211	6.91	5.075	BMB*
4	7.48	SO4,	22.651	8.739967	48.64	102.756	BMB
Total:			123.783	17.969	100.00	164.193	

113 CCB

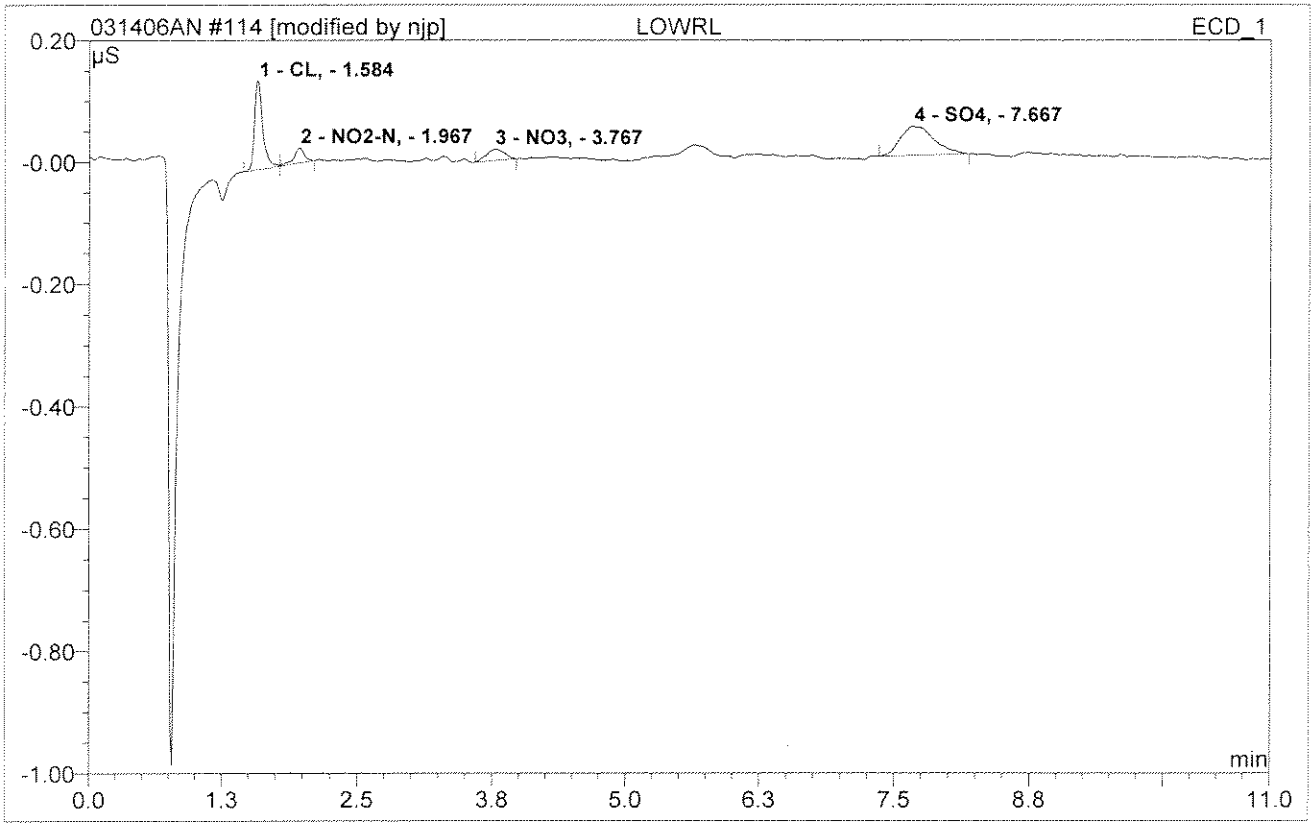
Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**32**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 9:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

114 LOWRL

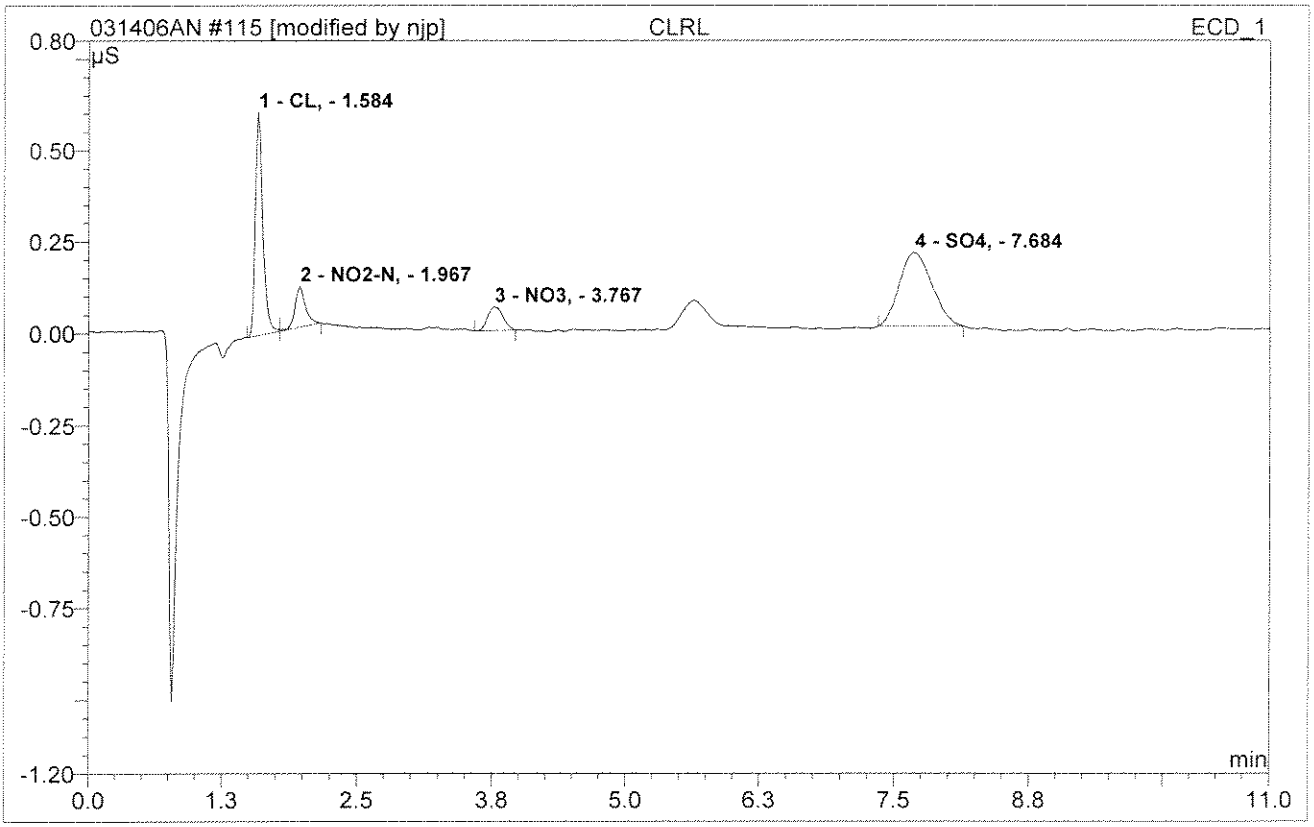
Sample Name:	**LOWRL**	*Injection Volume:*	**1000.0**
Vial Number:	**33**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 9:42**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.145	0.012875	35.56	0.127	BM
2	1.97	NO2-N,	0.024	0.002727	7.53	0.013	MB
3	3.77	NO3,	0.019	0.003628	10.02	0.016	BMB*
4	7.67	SO4,	0.048	0.016973	46.88	0.257	BMB
Total:			0.236	0.036	100.00	0.412	

115 CLRL

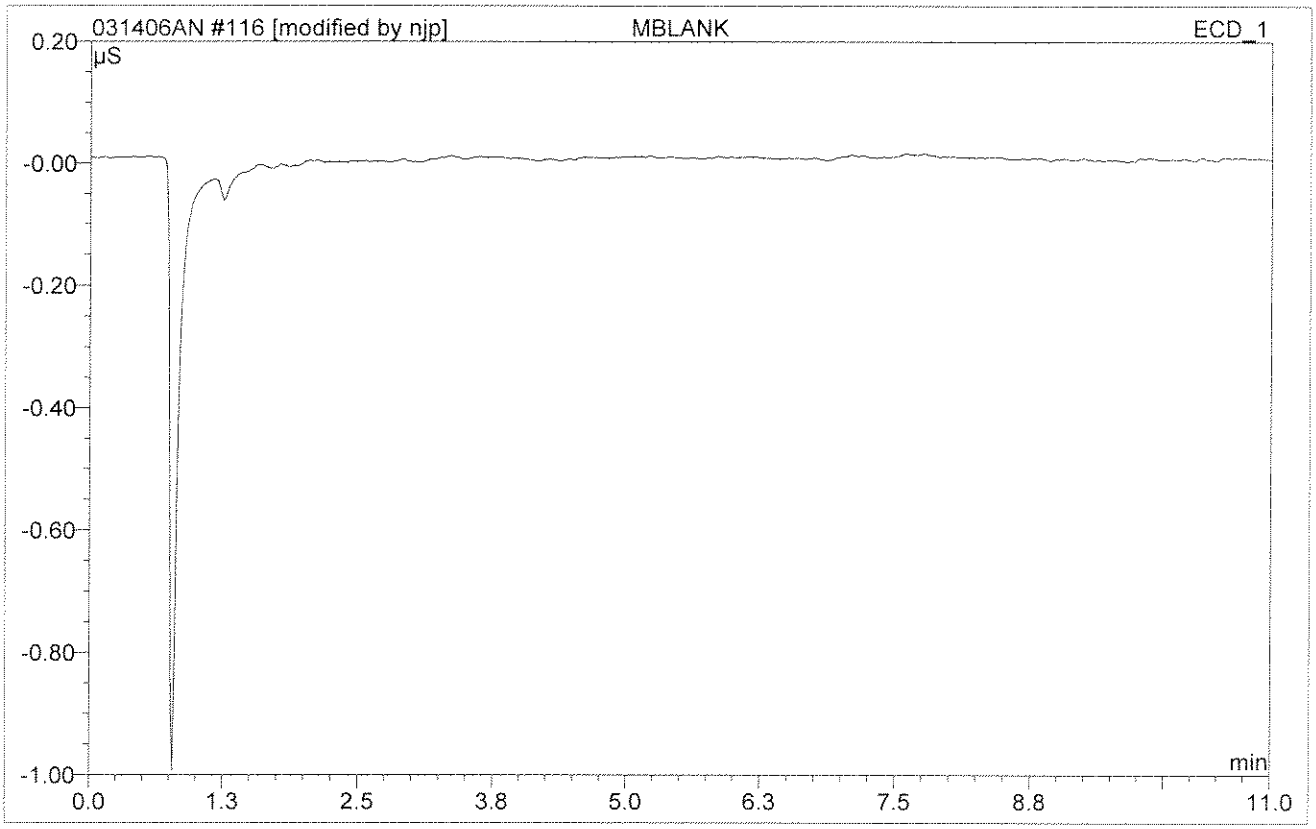
Sample Name:	**CLRL**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 9:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	0.609	0.049699	34.75	0.488	BM *
2	1.97	NO2-N,	0.111	0.012824	8.97	0.060	MB*
3	3.77	NO3,	0.064	0.010726	7.50	0.046	BMB
4	7.68	SO4,	0.200	0.069752	48.78	1.052	BMB*
Total:			0.984	0.143	100.00	1.646	

116 MBLANK

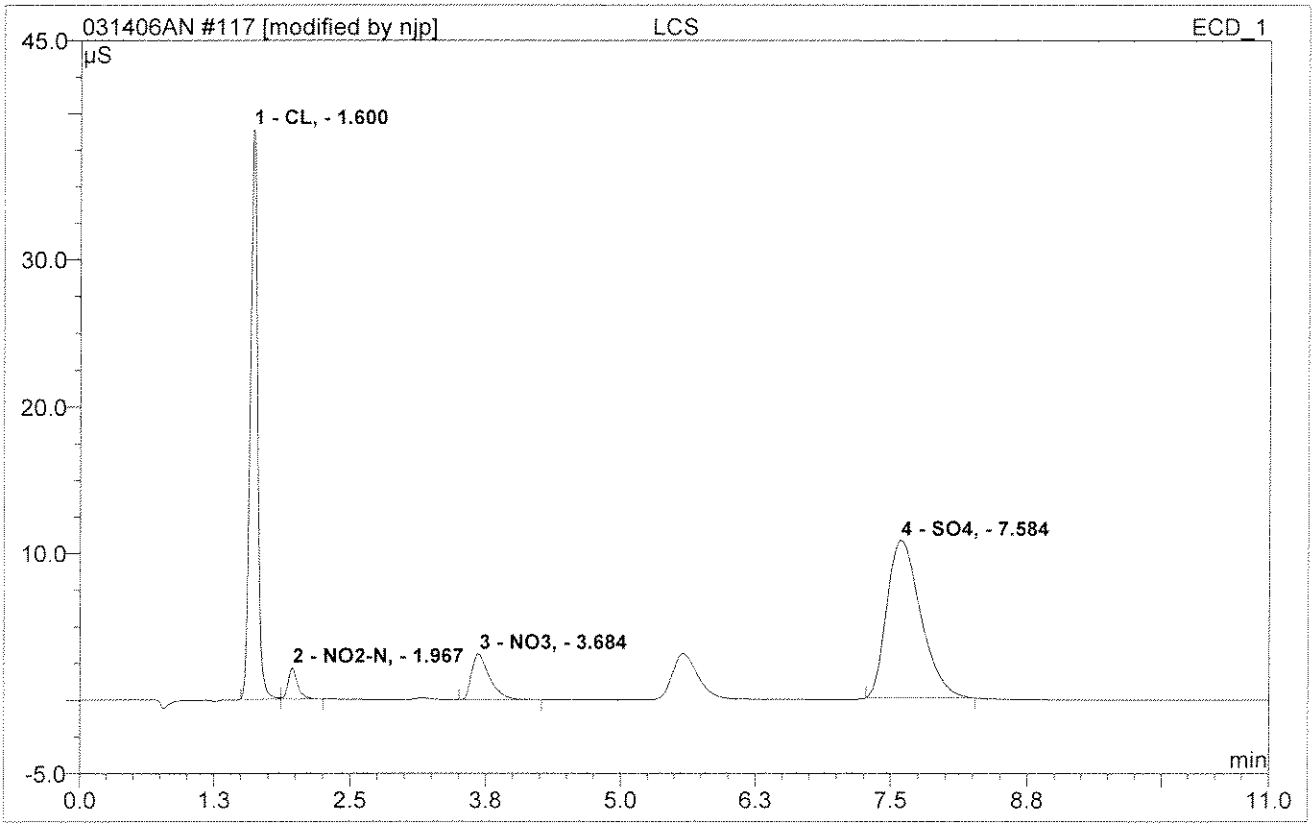
Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 10:09**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

117 LCS

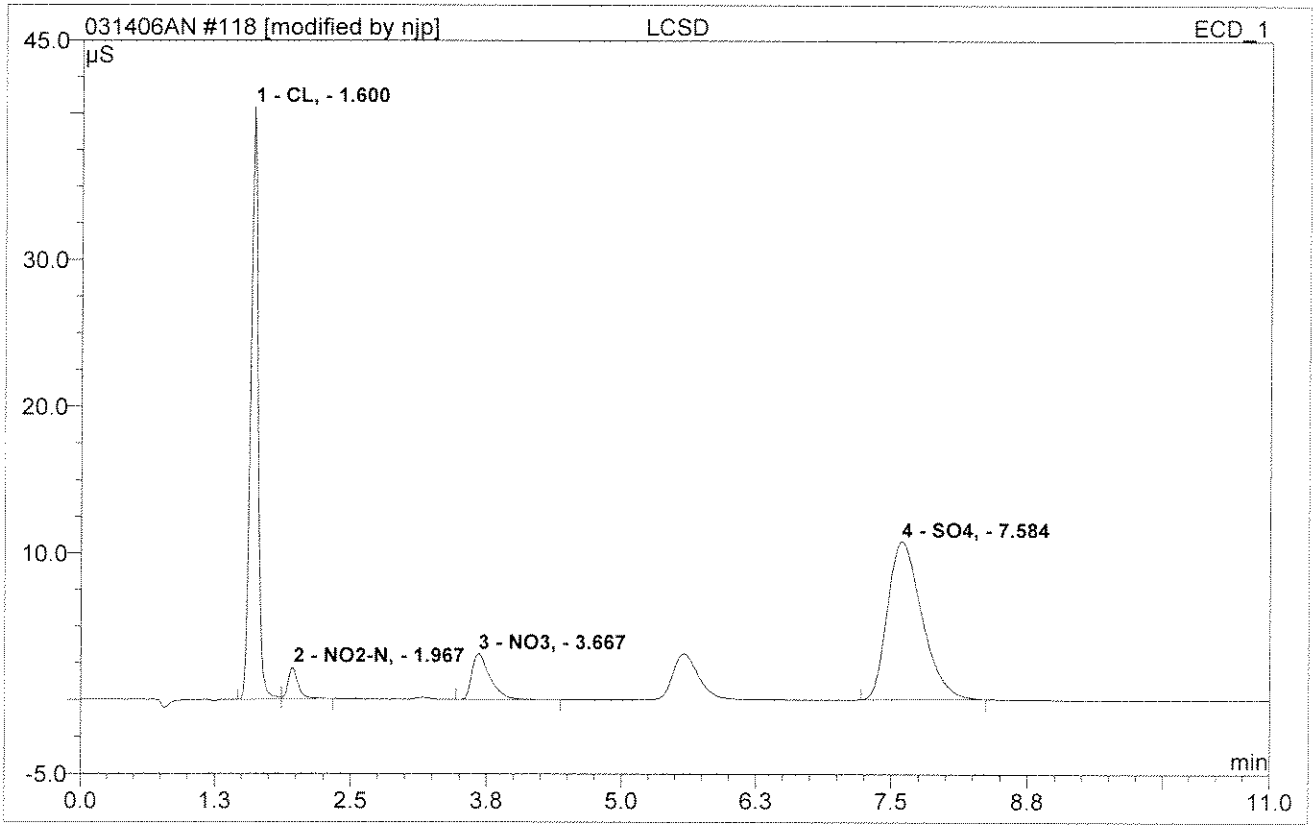
Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 10:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	38.911	3.103859	39.77	26.323	BM *
2	1.97	NO2-N,	2.150	0.220017	2.82	1.017	MB*
3	3.68	NO3,	3.145	0.603402	7.73	2.533	BMB
4	7.58	SO4,	10.735	3.876717	49.68	51.297	BMB*
Total:			54.941	7.804	100.00	81.170	

118 LCSD

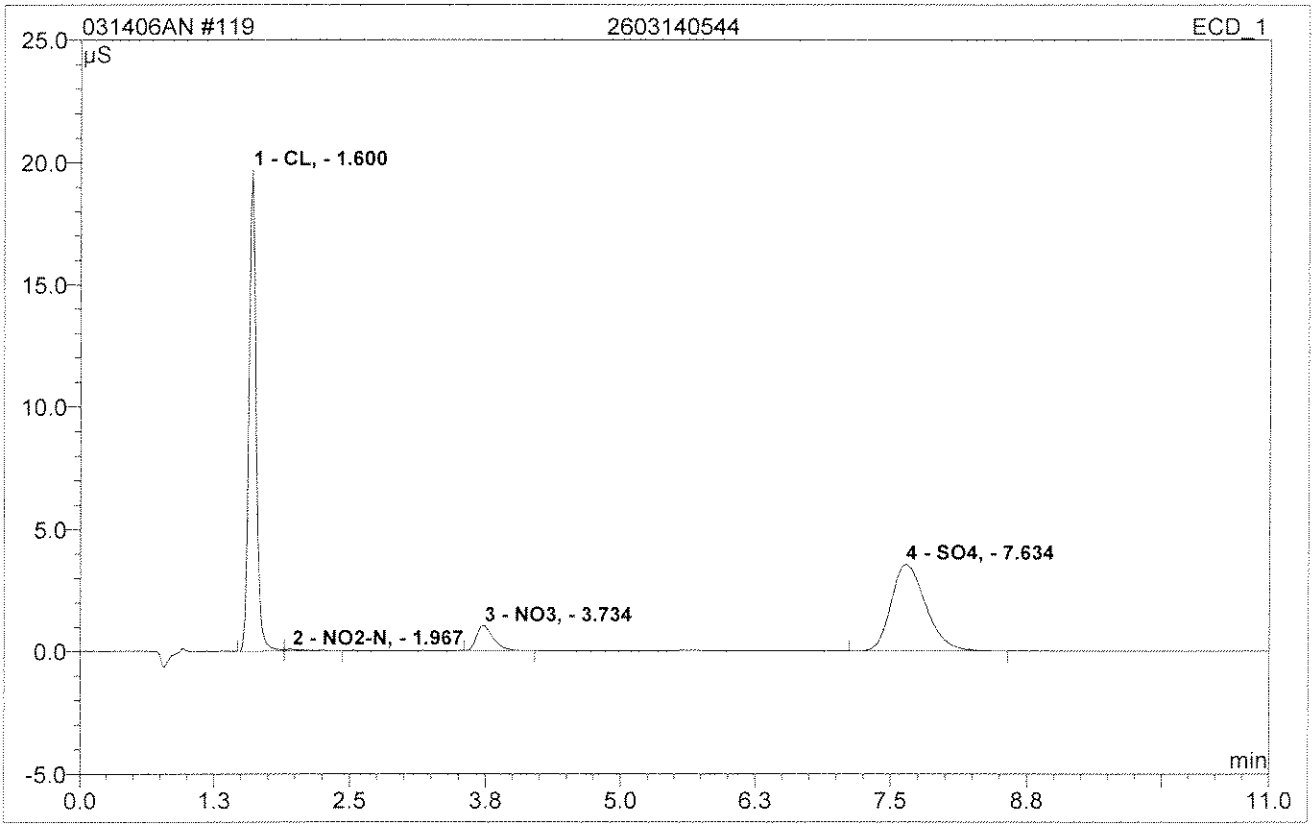
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 10:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	40.453	3.138480	39.42	26.580	BM
2	1.97	NO2-N,	2.183	0.232149	2.92	1.072	MB
3	3.67	NO3,	3.142	0.609238	7.65	2.557	BMB
4	7.58	SO4,	10.805	3.981427	50.01	52.525	BMB*
Total:			56.583	7.961	100.00	82.735	

119 2603140544

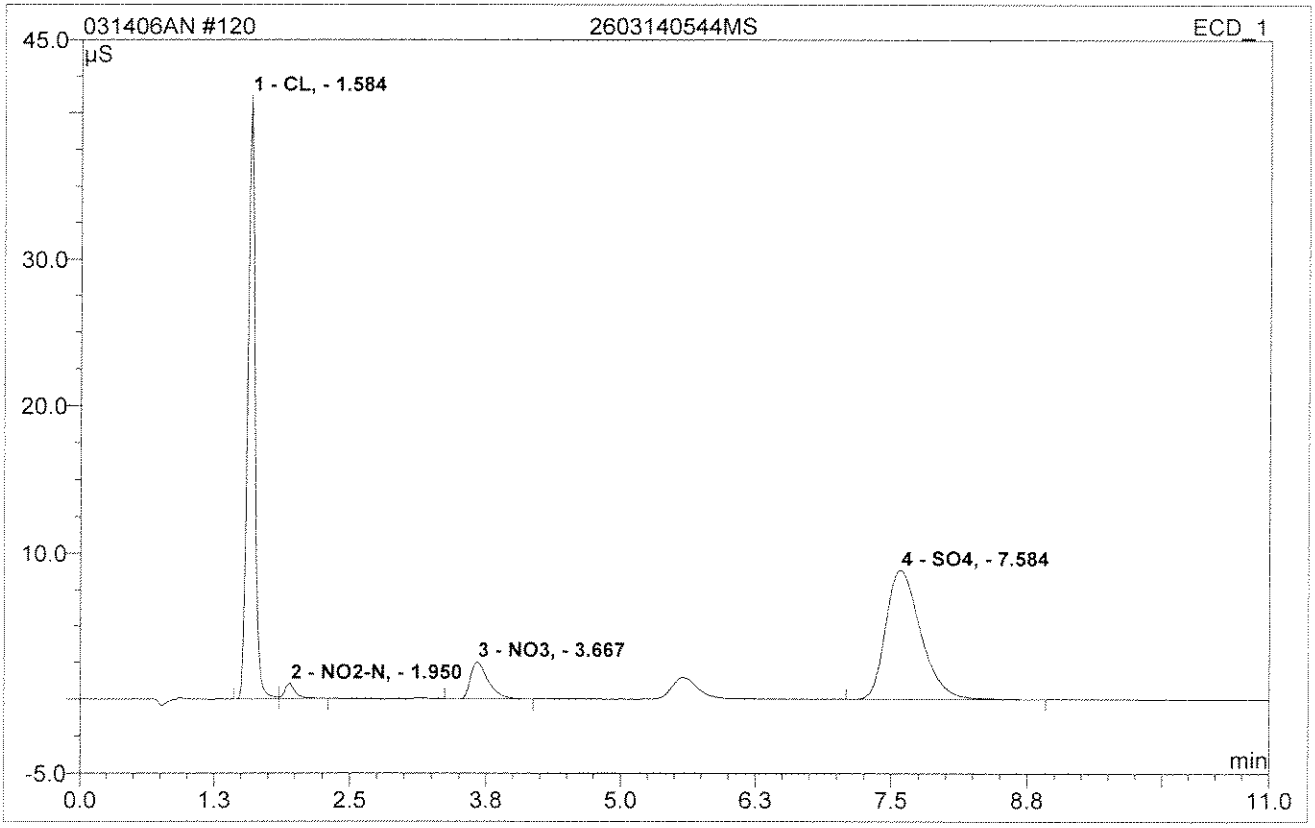
Sample Name:	**2603140544**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 10:50**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	19.686	1.525836	50.29	13.854	BM
2	1.97	NO2-N,	0.076	0.015107	0.50	0.070	MB
3	3.73	NO3,	1.029	0.185988	6.13	0.796	BMB
4	7.63	SO4,	3.548	1.306935	43.08	18.782	BMB
Total:			24.339	3.034	100.00	33.503	

120 2603140544MS

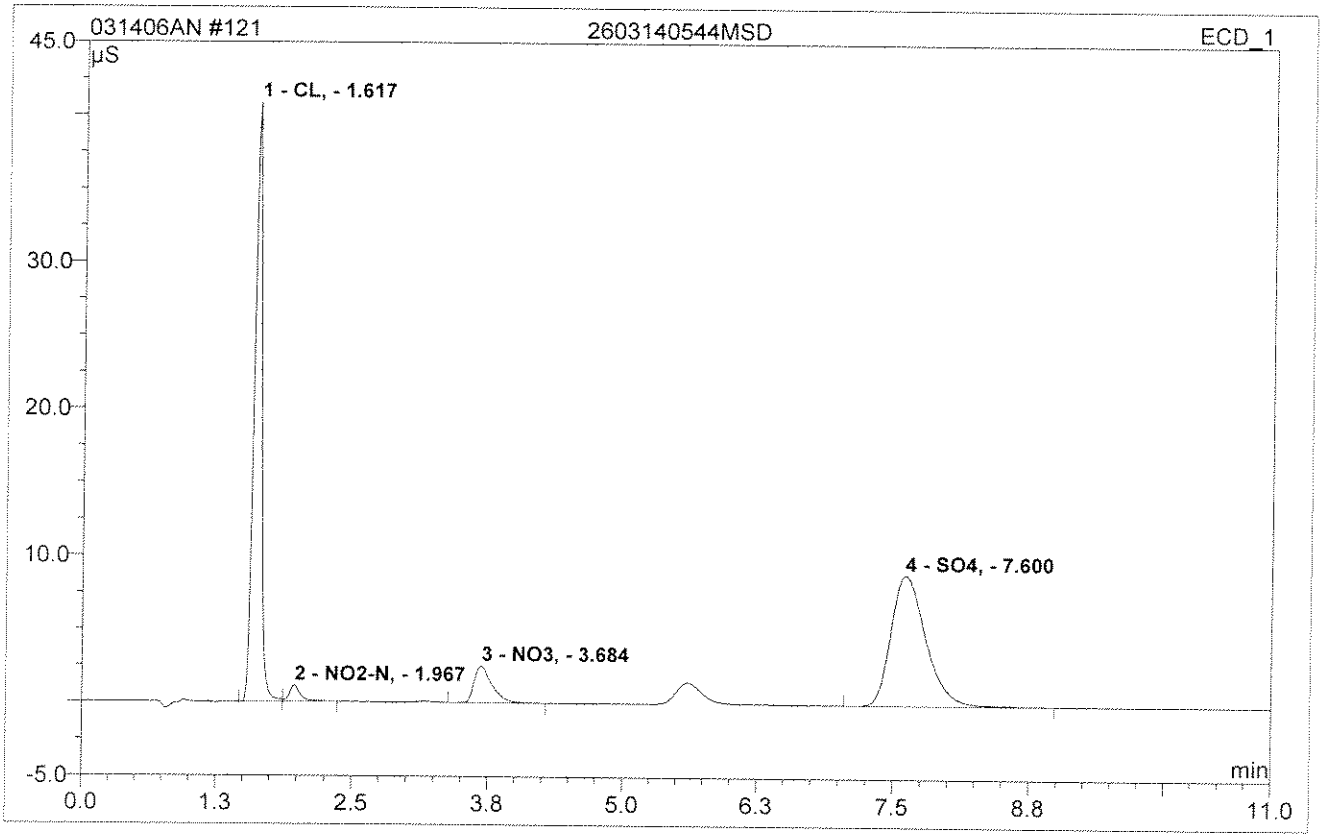
Sample Name:	**2603140544MS**	*Injection Volume:*	**1000.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 11:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	41.140	3.172670	44.79	26.834	BM
2	1.95	NO2-N,	1.032	0.118589	1.67	0.551	MB
3	3.67	NO3,	2.542	0.478380	6.75	2.019	BMB
4	7.58	SO4,	8.864	3.314228	46.79	44.584	BMB
Total:			53.577	7.084	100.00	73.988	

121 2603140544MSD

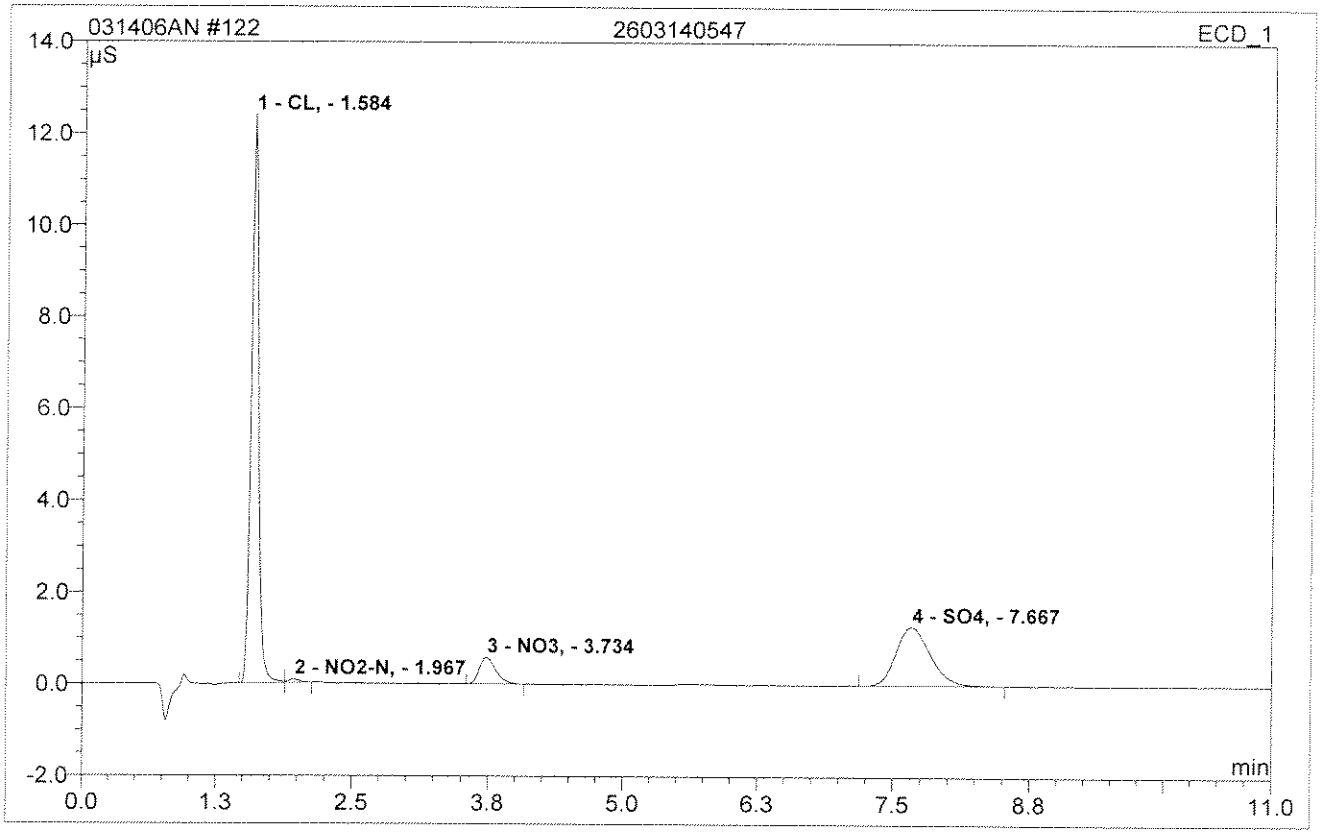
Sample Name:	**2603140544MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 11:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	40.867	3.215954	44.98	27.154	BM
2	1.97	NO2-N,	1.118	0.129778	1.82	0.602	MB
3	3.68	NO3,	2.544	0.482425	6.75	2.036	BMB
4	7.60	SO4,	8.898	3.320950	46.45	44.665	BMB
Total:			53.427	7.149	100.00	74.458	

122 2603140547

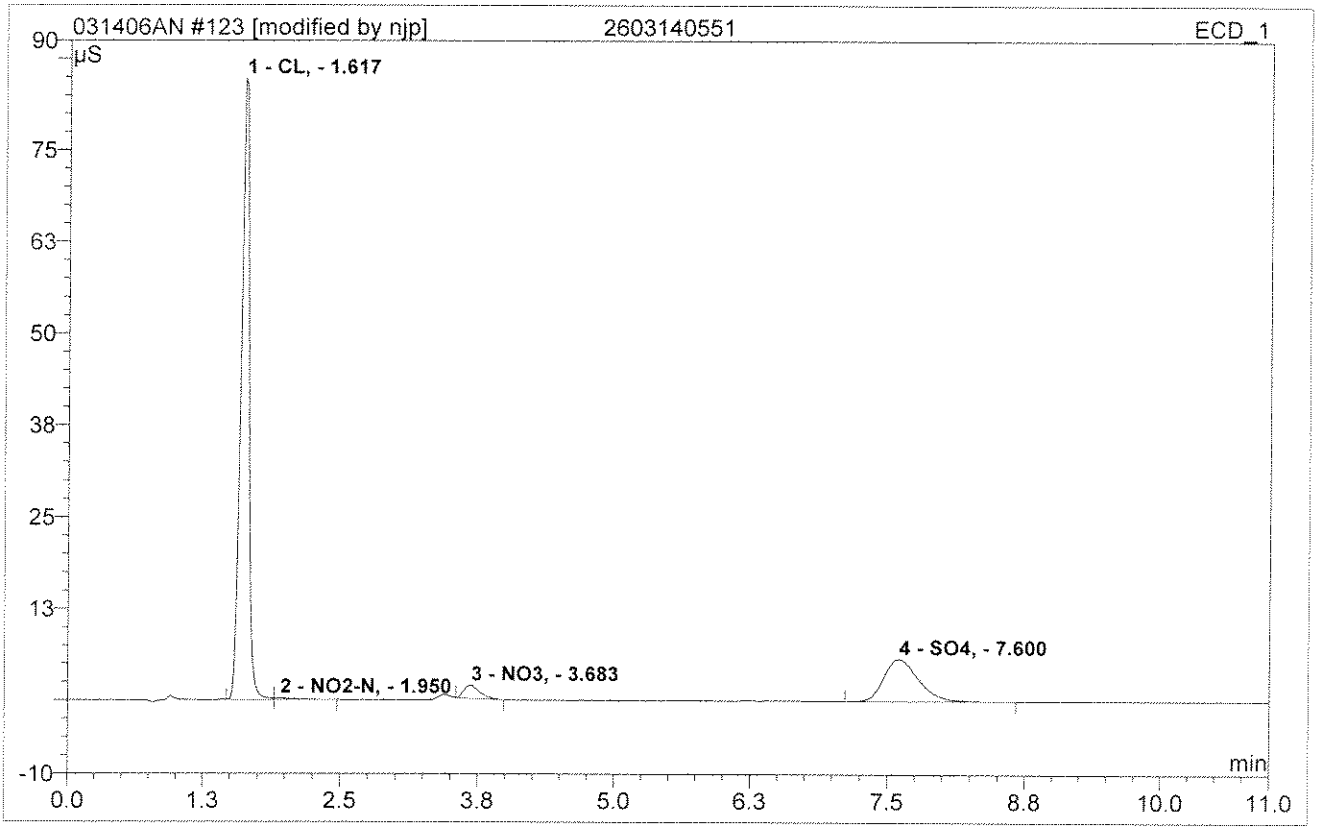
Sample Name:	**2603140547**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 11:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	12.395	0.961349	62.32	8.977	BM
2	1.97	NO2-N,	0.082	0.009271	0.60	0.043	MB
3	3.73	NO3,	0.582	0.103381	6.70	0.444	BMB
4	7.67	SO4,	1.280	0.468506	30.37	6.951	BMB
Total:			14.339	1.543	100.00	16.415	

123 2603140551

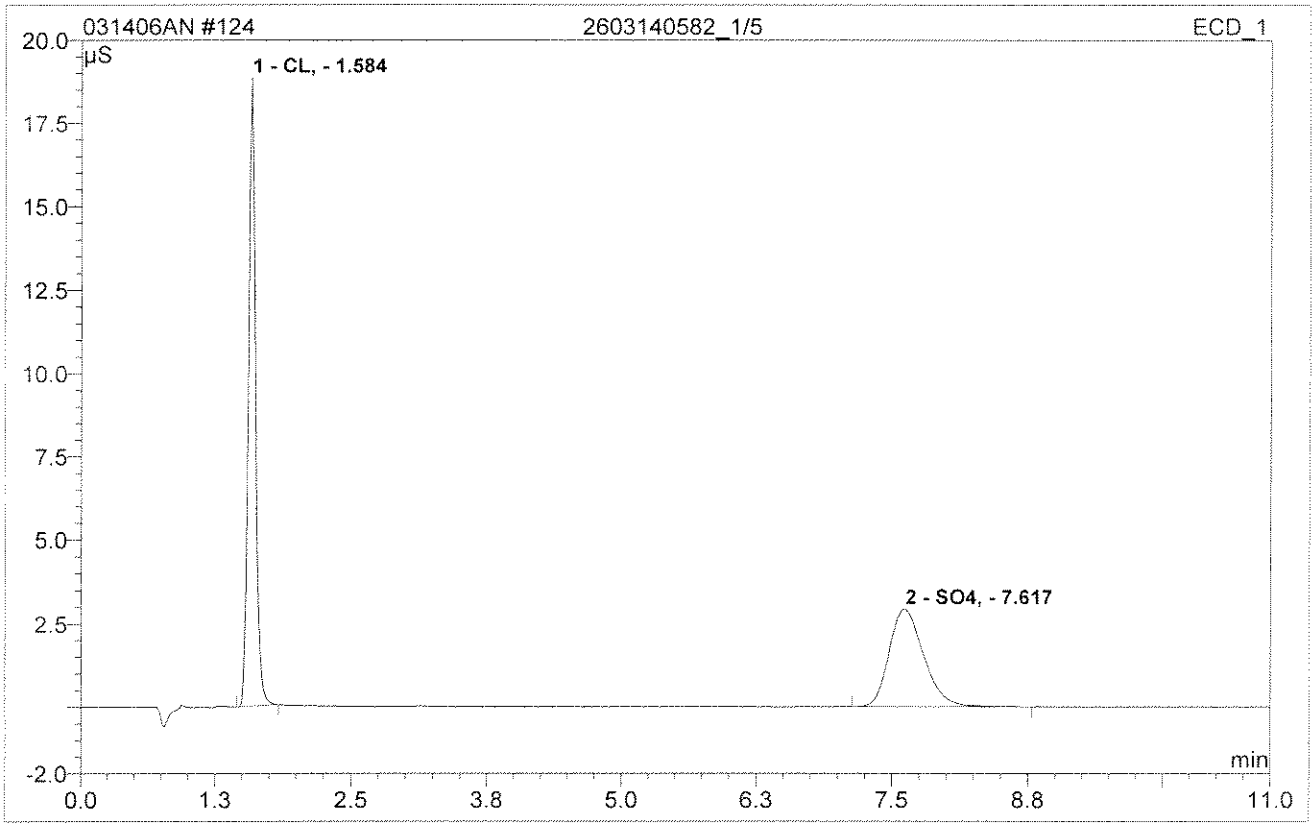
Sample Name:	**2603140551**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 11:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.62	CL,	84.741	7.325774	74.71	54.153	BM
2	1.95	NO2-N,	0.259	0.051304	0.52	0.239	MB
3	3.68	NO3,	1.791	0.306669	3.13	1.305	BMB*
4	7.60	SO4,	5.754	2.122405	21.64	29.649	BMB
Total:			92.545	9.806	100.00	85.345	

124 2603140582_1/5

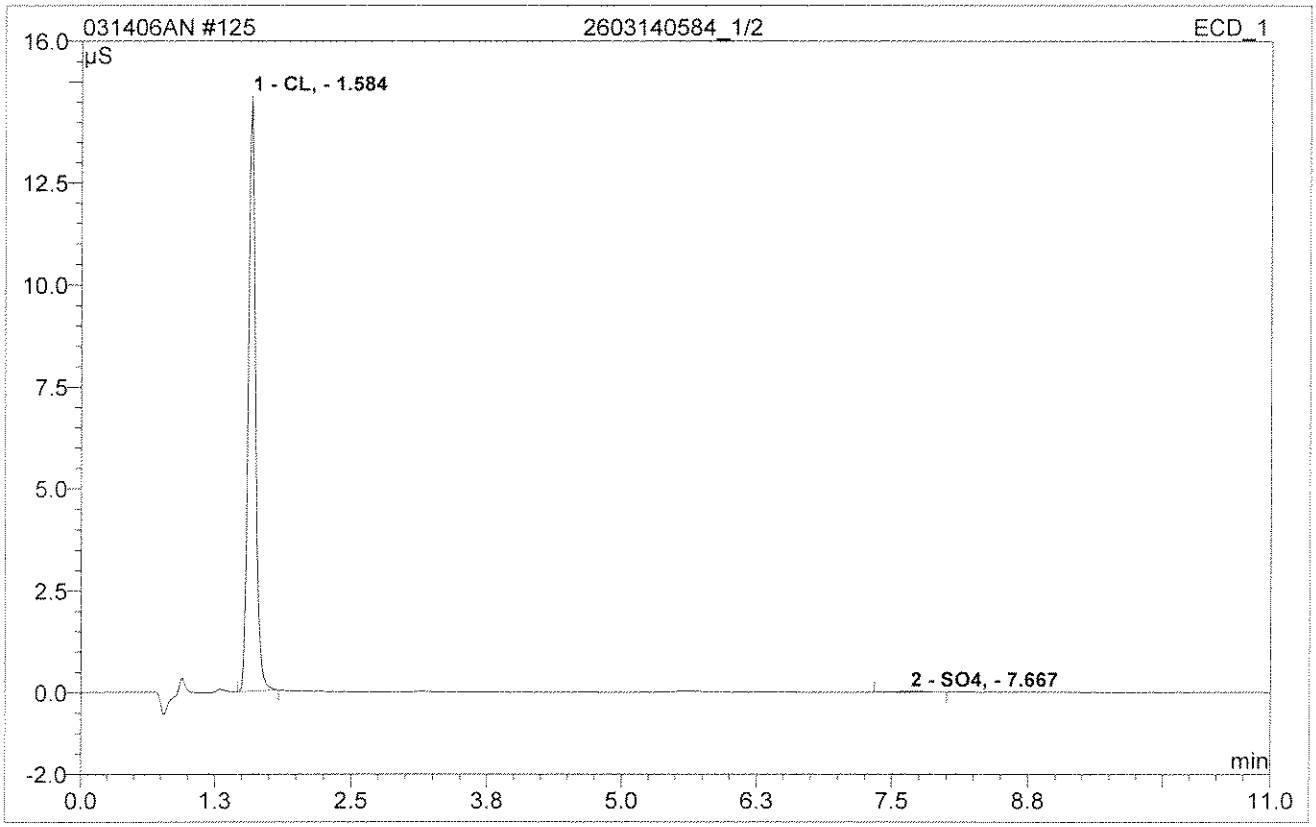
Sample Name:	**2603140582_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 11:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	18.844	1.426690	56.76	65.079	BMB
2	7.62	SO4,	2.938	1.086697	43.24	78.720	BMB
Total:			21.782	2.513	100.00	143.800	

125 2603140584_1/2

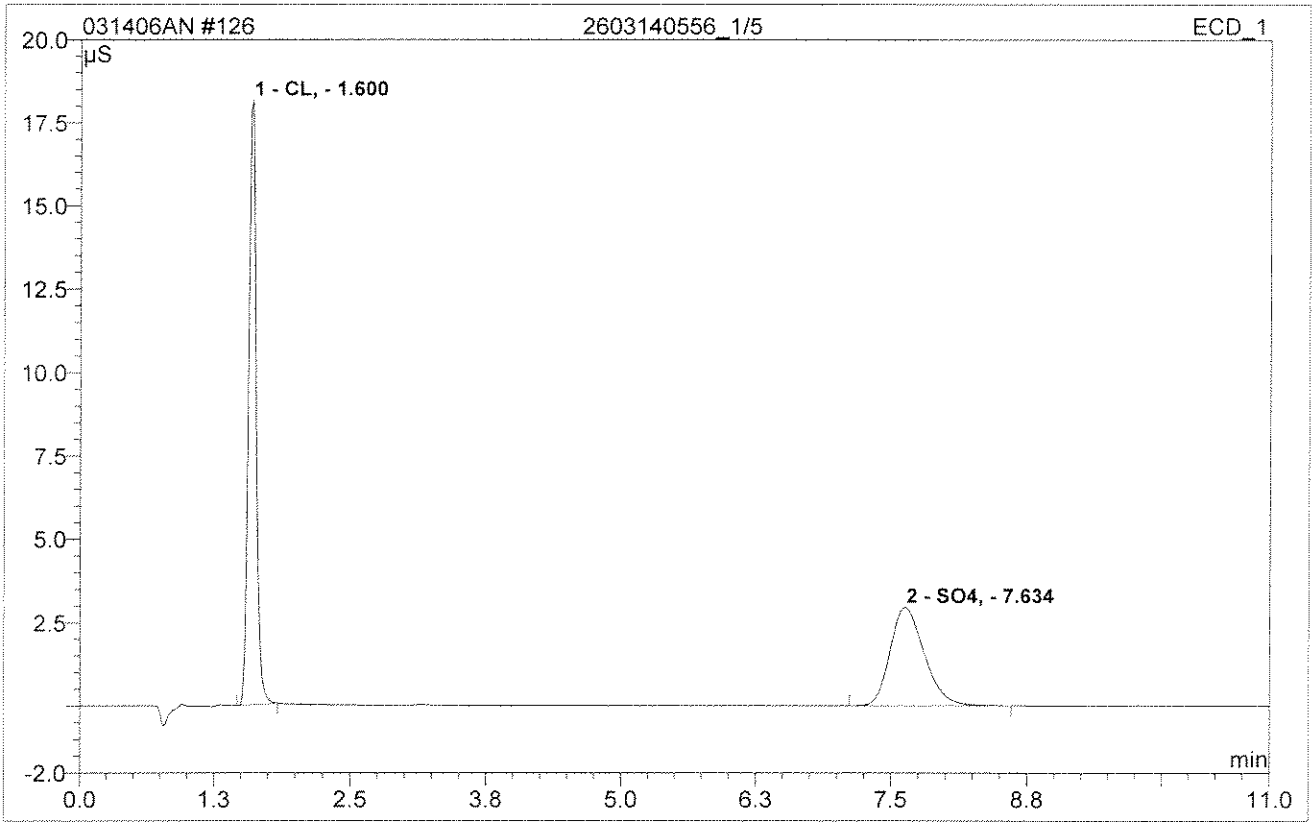
Sample Name:	**2603140584_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**2.00**
Recording Time:	**3/15/2006 12:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	14.623	1.110526	99.40	20.582	BMB
2	7.67	SO4,	0.020	0.006681	0.60	0.202	BMB
Total:			14.643	1.117	100.00	20.784	

126 2603140556_1/5

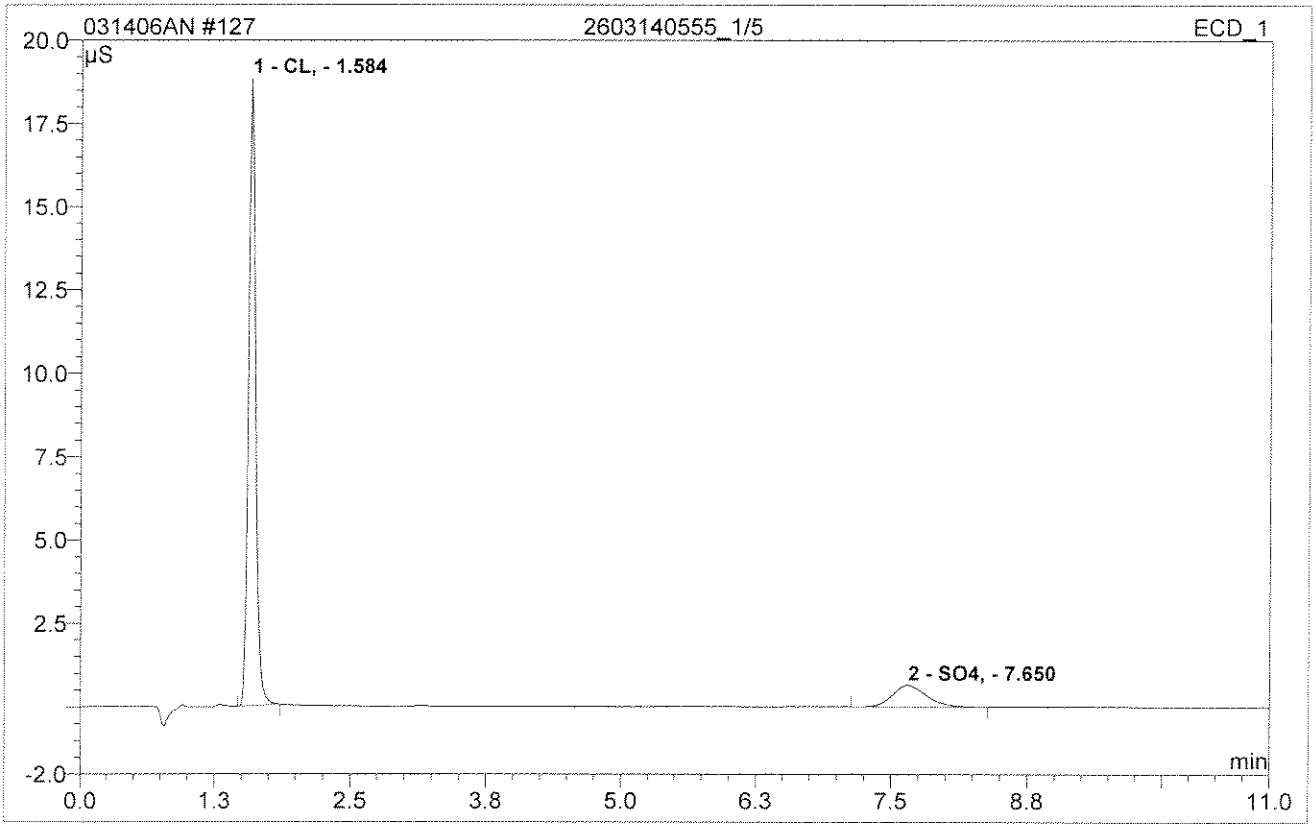
Sample Name:	**2603140556_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 12:26**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	18.134	1.423933	56.86	64.962	BMB
2	7.63	SO4,	2.948	1.080436	43.14	78.285	BMB
Total:			21.083	2.504	100.00	143.247	

127 2603140555_1/5

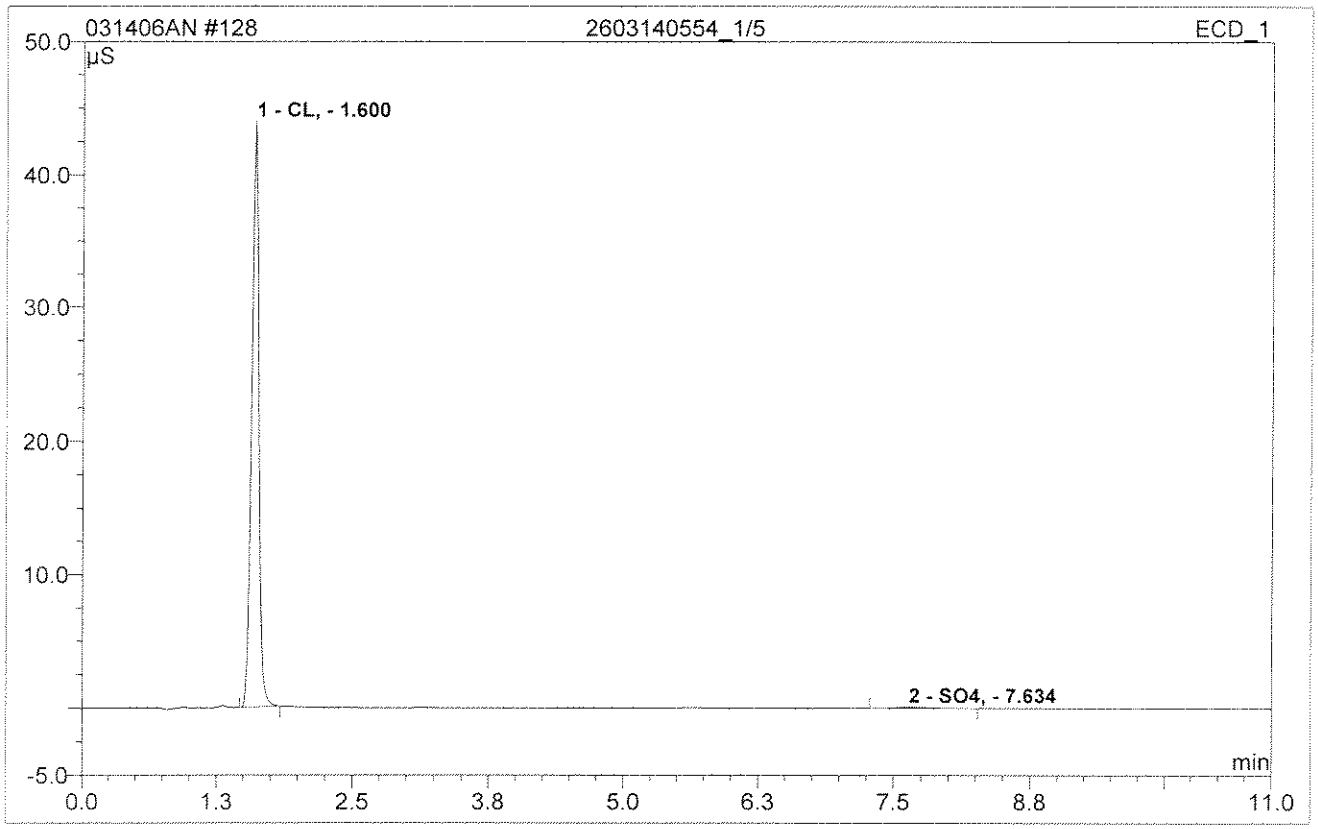
Sample Name:	**2603140555_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 12:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	18.825	1.413810	85.74	64.532	BMB
2	7.65	SO4,	0.640	0.235059	14.26	17.602	BMB
Total:			19.465	1.649	100.00	82.134	

128 2603140554_1/5

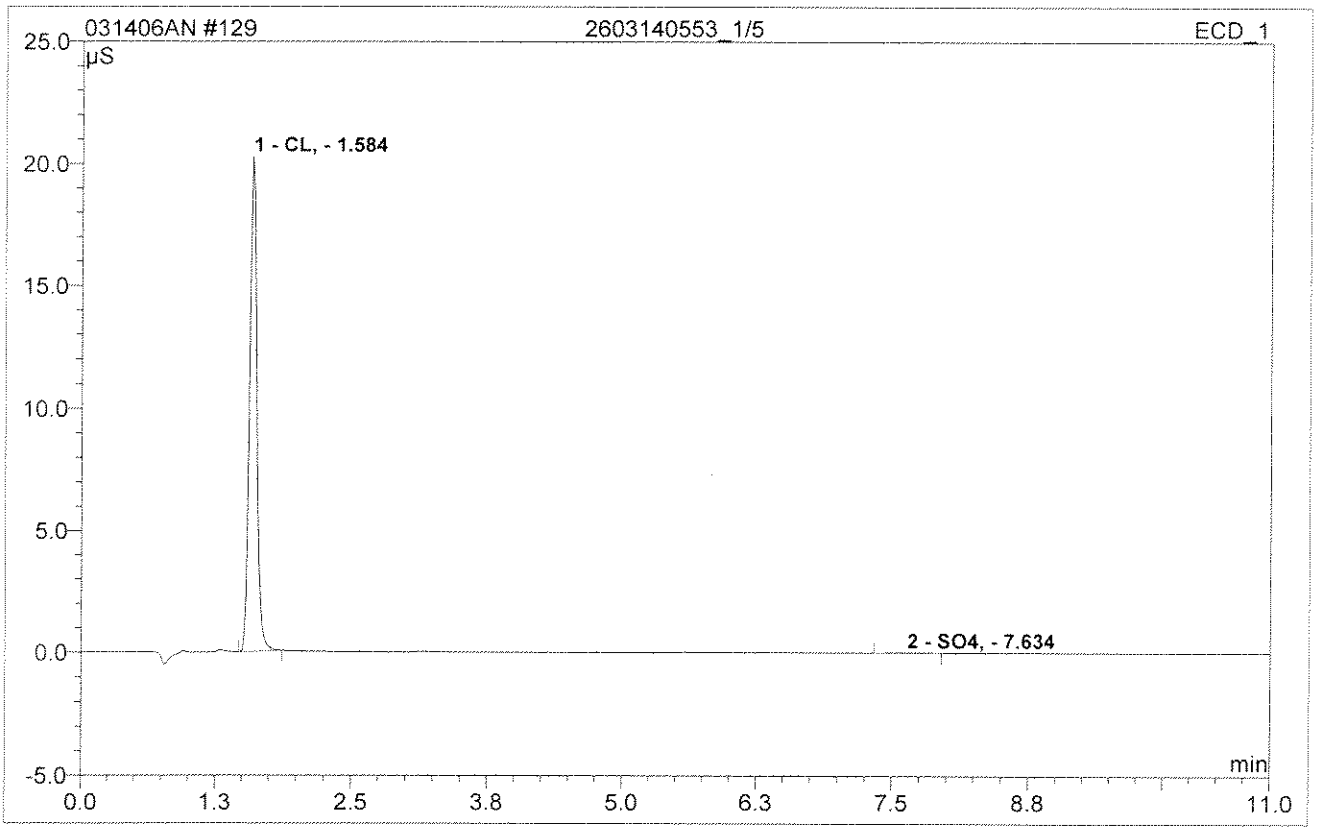
Sample Name:	**2603140554_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**34**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 12:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.60	CL,	43.908	3.295669	99.19	138.707	BMB
2	7.63	SO4,	0.073	0.026935	0.81	2.034	BMB
Total:			43.981	3.323	100.00	140.741	

129 2603140553_1/5

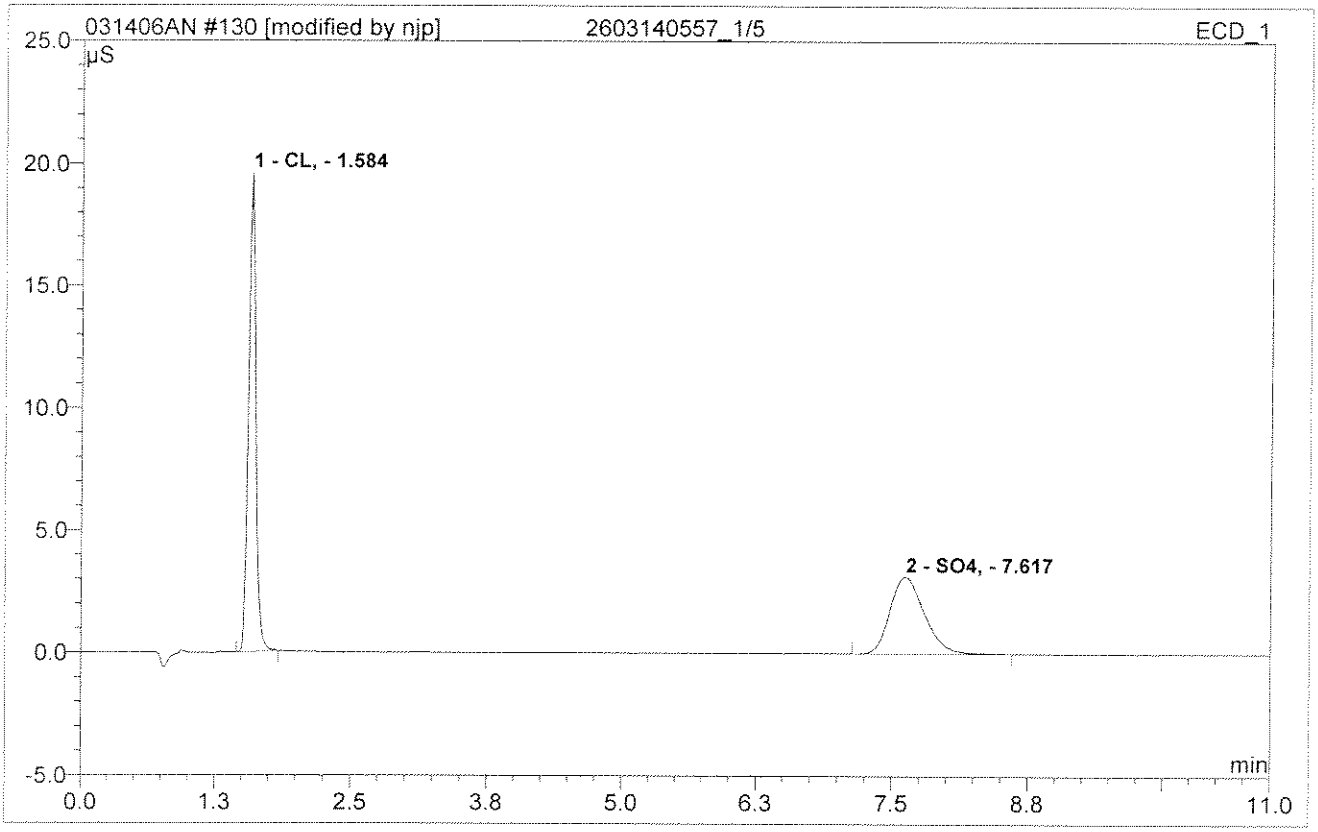
Sample Name:	**2603140553_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 13:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	20.254	1.538466	99.66	69.803	BMB
2	7.63	SO4,	0.016	0.005187	0.34	0.392	BMB
Total:			20.270	1.544	100.00	70.195	

130 2603140557_1/5

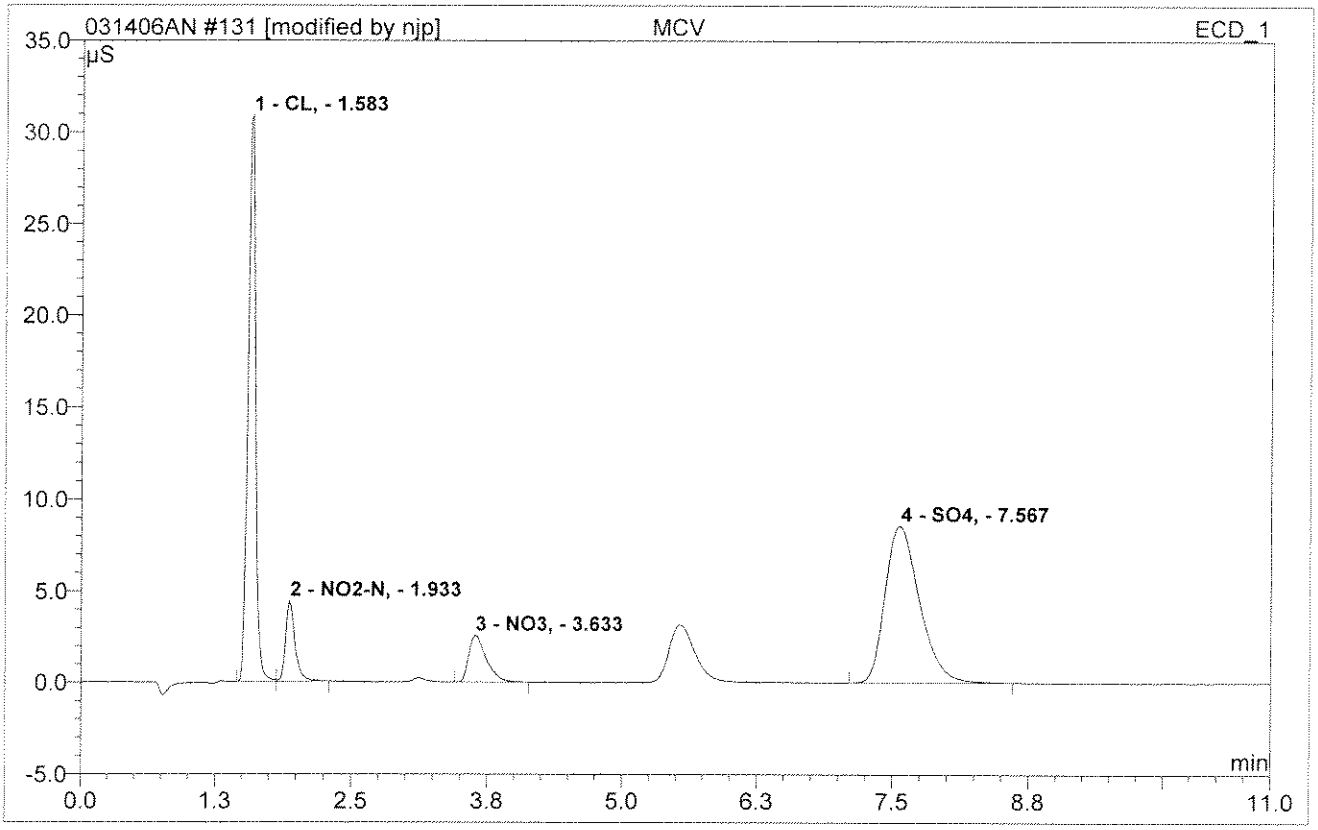
Sample Name:	**2603140557_1/5**	*Injection Volume:*	**1000.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**5.00**
Recording Time:	**3/15/2006 13:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	19.608	1.485489	56.36	67.570	BMB
2	7.62	SO4,	3.135	1.150043	43.64	83.114	BMB
Total:			22.743	2.636	100.00	150.684	

131 MCV

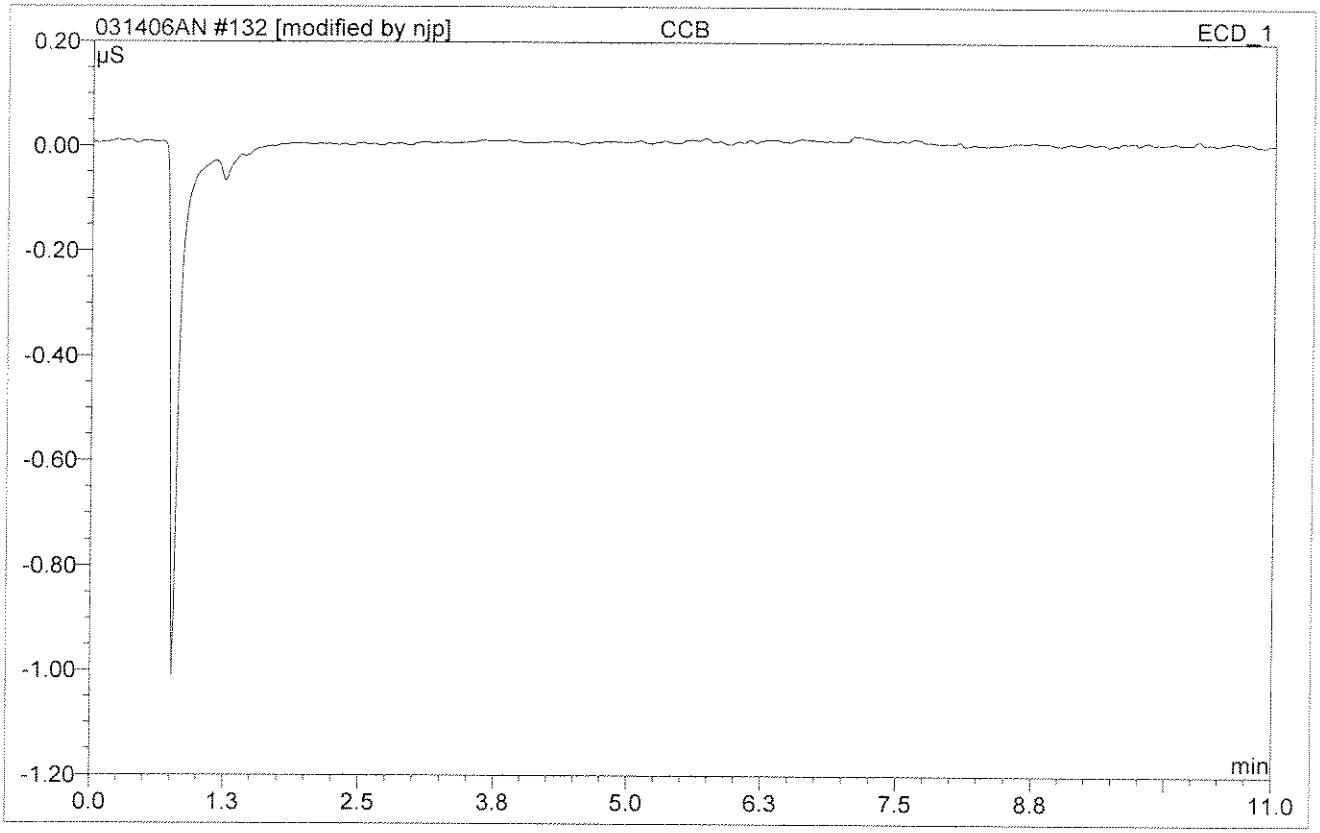
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 13:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.58	CL,	30.891	2.432860	37.29	21.207	BM
2	1.93	NO2-N,	4.420	0.447796	6.86	2.049	MB
3	3.63	NO3,	2.566	0.483276	7.41	2.040	BMB
4	7.57	SO4,	8.563	3.159471	48.43	42.701	BMB
Total:			46.441	6.523	100.00	67.996	

132 CCB

Sample Name:	**CCB**	*Injection Volume:*	**1000.0**
Vial Number:	**35**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC#3-ANION TTL2**	*Bandwidth:*	**n.a.**
Quantif. Method:	**ANION-IC#3**	*Dilution Factor:*	**1.00**
Recording Time:	**3/15/2006 13:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**11.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Dilutions required for group 169580

GROUP#	SAMPLE#	SAMPLE ID	PARAMETER	RESULT	DILUTION	REASON
169580	2603140436	TR-10A	CL9056	120	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO29056	ND	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO39056	0.73	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	SO49056	953	20	Result above calibration range
169580	2603140436	TR-10A	CRVI7199	57	2	Result above calibration range
169580	2603140436	TR-10A	CLO3	9220	20	Result above calibration range
169580	2603140436	TR-10A	CLO4	860	50	Result above calibration range
169580	2603140436	TR-10A	B6010	1.4	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	CA6010	140	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	FE6010	2.8	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	K6010	15	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	MG6010	54	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	NA6010	300	2	Result above calibration range but less than linear range check
169580	2603140436	TR-10A	AL-MS620	2000	5	Result above calibration range

CLS

Reagent Documentation

Page: 431

Reagent: Chlorate 1000 ppm std - Calibration
Date Received: 13 Dec 05
Date Expired: 6 Dec 06
Manufacturer: High Purity
Storage Condition: refrigerate

Reagent #: 201291
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: 525835

Component	Comment	Standard	Concentration
	High Purity # IC-ClO3-M		

Comment:

Reagent: TKN as N - 1000 ppm
Date Received: 15 Dec 05
Date Expired: 13 Dec 06
Manufacturer: CPI
Storage Condition: refrigerate

Reagent #: 201292
By: LMR
Matrix: aq
Amount: 5x100ml
Lot #: 05L059

Component	Comment	Standard	Concentration
	Cat # 4400-133735		

Comment:

Reagent: Anion Calibrations Stock Solution A & B
Date Received: 15 Dec 05
Date Expired: 13 Jun 07
Manufacturer: CPI
Storage Condition: refrigerate

Reagent #: 201293
By: LMR
Matrix: aq
Amount: 10x100ml-A 10x100ml-B
Lot #: 05L058

Component	Comment	Standard	Concentration
	CPI # 4400-050110rh03		
	Soln A: 100 ppm NO_2 as N		
	Soln A: 1000 ppm Cl		
	Soln B: 100 ppm NO_3 as N		
	2000 ppm SO_4		
	40 ppm Br		
	500 ppm P		

Comment:

Reagent Documentation

Reagent: Linear Alkylbenzene Sulfonate 1000 ppm
Date Received: 2 Aug 05
Date Expired: Feb 06
Manufacturer: Ricca Chemical
Storage Condition: refrigerate 4 ± 2°C

Reagent #: 201192
By: LMR
Matrix: aq
Amount: 120 ml
Lot #: 1502436

Component	Comment	Standard	Concentration
	VWR cat # RC43504		

Comment:

Reagent: Chlorite Std - 1000 ppm - Second Source
Date Received: 2 Aug 05
Date Expired: 15 Jun 06
Manufacturer: Absolute Stds.
Storage Condition: refrigerate

Reagent #: 201193
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: 061505

Component	Comment	Standard	Concentration
	Cat # 54109		

Comment:

Reagent: Chlorate Std. - 1000 ppm - Second Source
Date Received: 2 Aug 05
Date Expired: 4 Jun 06
Manufacturer: Absolute Stds.
Storage Condition: refrigerate

Reagent #: 201194
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: 060405

Component	Comment	Standard	Concentration
	Cat # 54110		

Comment:

Scan Prep Sheet

Lab Batch No. (Filename): INIC 032006 BXS

Analysis Date (start date): 3-20-06

LAB TEST TYPE (Method reference): 300.0B/300.1B

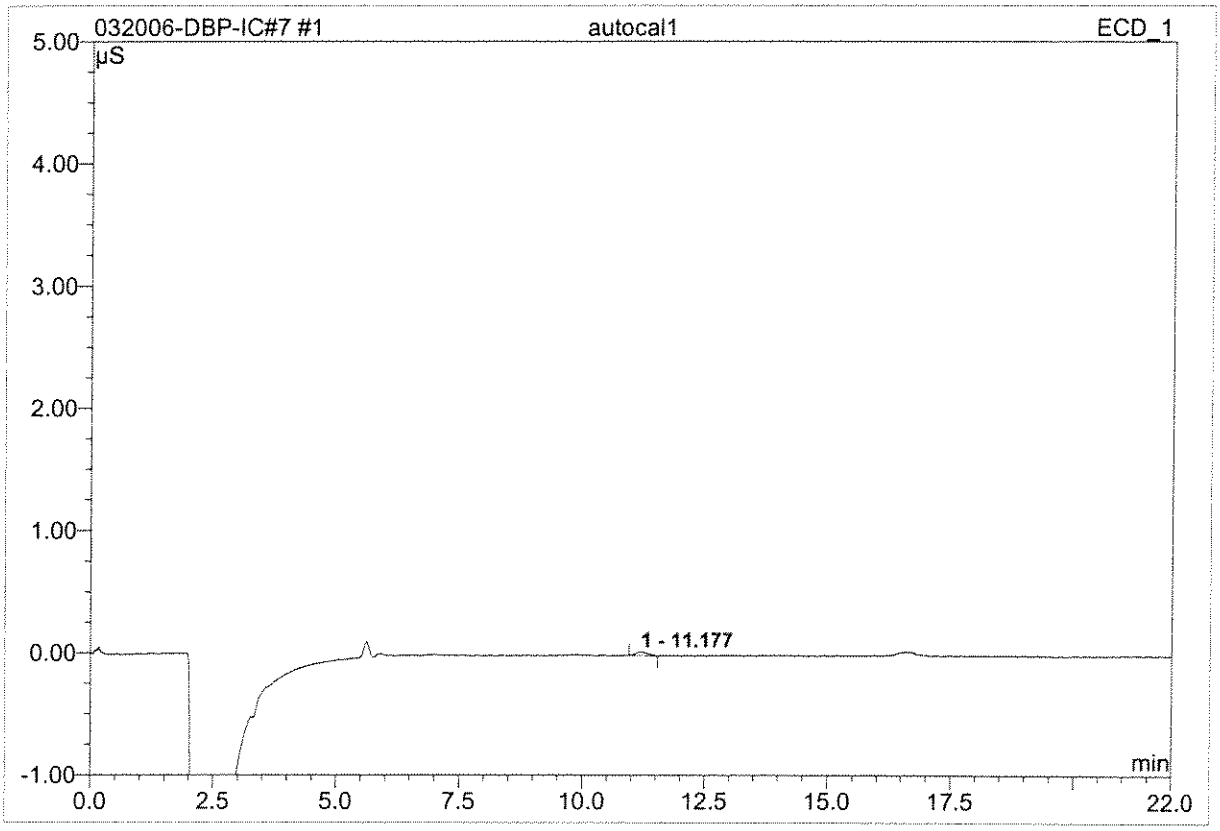
NOTES:

No.	Sample Name	Time	I.Fac.	Amount ppb Br ECD_1		Amount ppb ClO2 ECD_1		Amount ppb ClO3 ECD_1	
1,	autocal1,	03/15/06 10:15,	1.0,	n.a.		n.a.		n.a.	
2,	autocal2,	03/15/06 10:39,	1.0,	5.1111,		10.6140,		10.6095	
3,	autocal3,	03/15/06 11:04,	1.0,	10.3428,		20.7510,		19.7769	
4,	autocal4,	03/15/06 11:28,	1.0,	98.8950,		196.7046,		199.0092	
5,	autocal5,	03/15/06 11:53,	1.0,	200.7704,		402.2722,		400.7182	
6,	autocal6,	03/15/06 12:08,	1.0,	399.8805,		799.6571,		799.8862	
7,	-MRLCHK,	03/20/06 10:51,	1.0,	5.4244,	108%	9.8386,	98%	11.3239	103%
8,	-MBLK,	03/20/06 11:15,	1.0,	n.a.		n.a.		n.a.	
9,	-LCS1,	03/20/06 11:40,	1.0,	99.6793,	99%	197.2156,	99%	195.5626	98%
10,	-LCS2,	03/20/06 12:04,	1.0,	102.3753,	102%	196.4134,	98%	203.9026	101%
11,	2603140211_1/4,	03/20/06 12:29,	4.0,	120.0289,		n.a.		n.a.	
12,	2603140292,	03/20/06 12:49,	1.0,	n.a.		n.a.		n.a.	
13,	2603140292-MS,	03/20/06 13:13,	1.0,	49.5767,	99%	94.8566,		100.9003	101%
14,	2603140292-MSD,	03/20/06 13:38,	1.0,	50.6726,	101%	95.9829,		104.5918	104%
15,	2603140436_1/20,	03/20/06 14:02,	20.0,	301.0440,		n.a.		9217.2557	
16,	2603140214,	03/20/06 14:27,	1.0,	94.9921,		n.a.		32.0765	
17,	2603140215,	03/20/06 14:51,	1.0,	38.4702,		n.a.		48.1736	
18,	2603140217,	03/20/06 15:16,	1.0,	33.3562,		n.a.		28.4204	
19,	2603140218,	03/20/06 15:40,	1.0,	28.6431,		n.a.		22.7899	
20,	2603140219,	03/20/06 16:05,	1.0,	13.6415,		n.a.		20.2967	
21,	2603140223,	03/20/06 16:29,	1.0,	20.6177,		n.a.		26.4844	
22,	2603140224,	03/20/06 16:54,	1.0,	39.8833,		n.a.		30.1122	
23,	MCV,	03/20/06 17:18,	1.0,	103.3881,	103%	200.7749,		209.6079	105%
24,	2603150343,	03/20/06 17:43,	1.0,	n.a.		n.a.		n.a.	
25,	2603150343-MS,	03/20/06 18:07,	1.0,	49.1041,	98%	94.2249,	94%	102.3721	102%
26,	2603150343-MSD,	03/20/06 18:32,	1.0,	49.2868,	98%	94.6753,	94%	94.5906	94%
27,	2603150078,	03/20/06 18:56,	1.0,	65.9908,		n.a.		274.0628	
28,	2603150079,	03/20/06 19:21,	1.0,	61.1084,		n.a.		209.1982	
29,	2603170026,	03/20/06 19:45,	1.0,	4.4957,		300.8372,		34.0271	
30,	2603170027,	03/20/06 20:10,	1.0,	n.a.		n.a.		n.a.	
31,	2603170028,	03/20/06 20:34,	1.0,	5.9630,		363.6432,		55.8460	
32,	2603150120,	03/20/06 20:59,	1.0,	425.6575,		n.a.		9.0953	
33,	2603140007,	03/20/06 21:23,	1.0,	99.5333,		3.7534,		n.a.	
34,	2603140008,	03/20/06 21:48,	1.0,	28.5841,		n.a.		n.a.	
35,	2603150023,	03/20/06 22:12,	1.0,	25.5570,		1.5445,		n.a.	
36,	HCV,	03/20/06 22:37,	1.0,	402.8973,	101%	805.3131,	101%	821.5849	103%
37,	STOP,	03/20/06 23:01,	1.0,	n.a.		n.a.		n.a.	

bxs

1 autocal1

Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**3**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 10:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

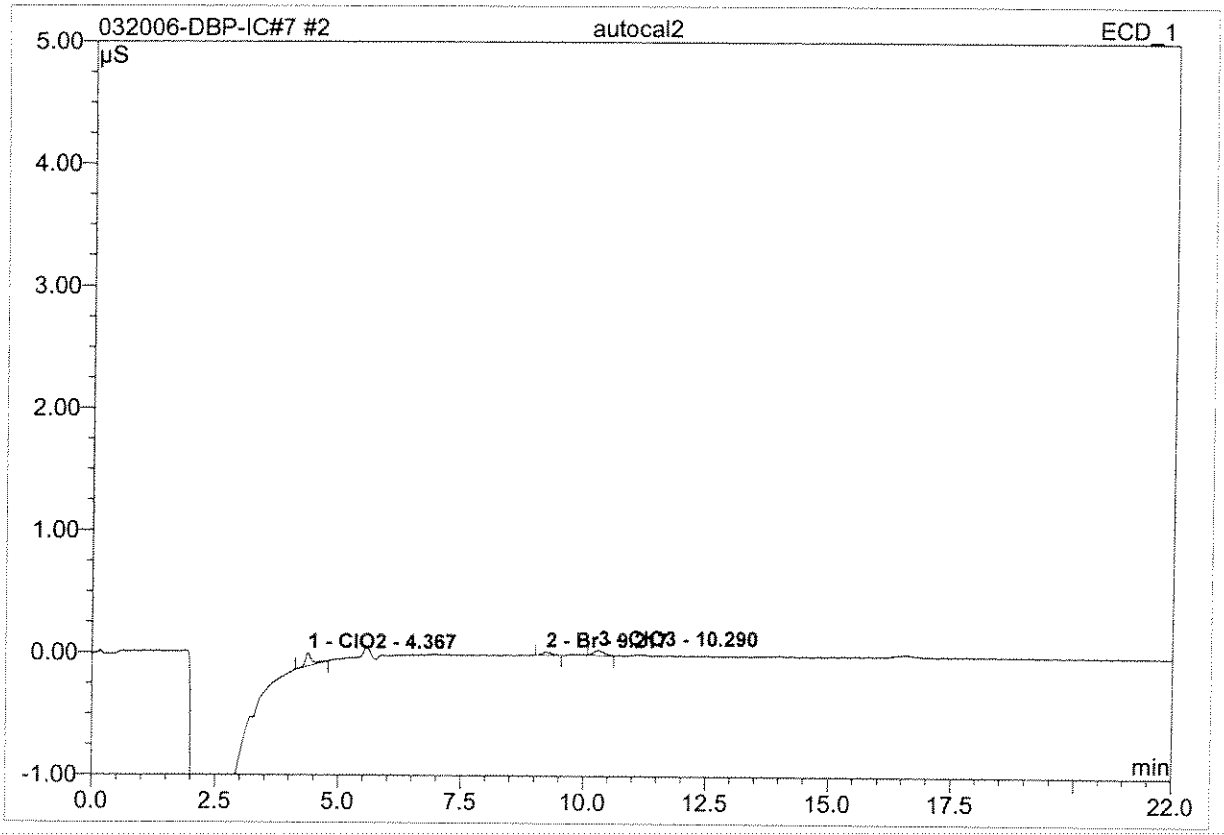


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	11.18	n.a.	0.031	0.008	100.00	n.a.	BMB
Total:			0.031	0.008	100.00	0.000	

2 autocal2

BXS-DBP-1

Sample Name:	**autocal2**	*Injection Volume:*	**1000.0**
Vial Number:	**4**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 10:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

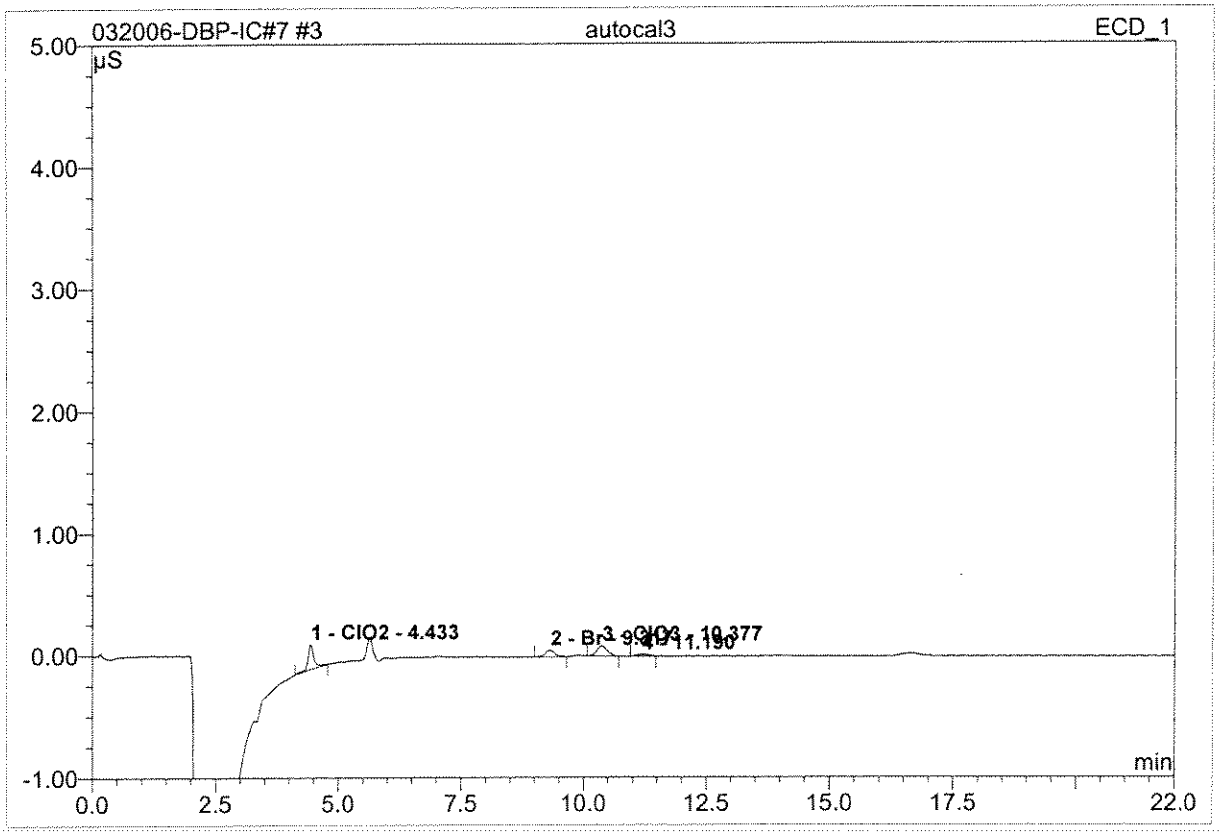


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.37	ClO2	0.107	0.016	49.60	10.614	BMB
2	9.22	Br	0.028	0.006	18.84	5.111	BMB
3	10.29	ClO3	0.042	0.010	31.56	10.609	BMB
Total:			0.176	0.033	100.00	26.334	

3 autocal3

BXS-DBP-2

Sample Name:	**autocal3**	*Injection Volume:*	**1000.0**
Vial Number:	**5**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 11:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

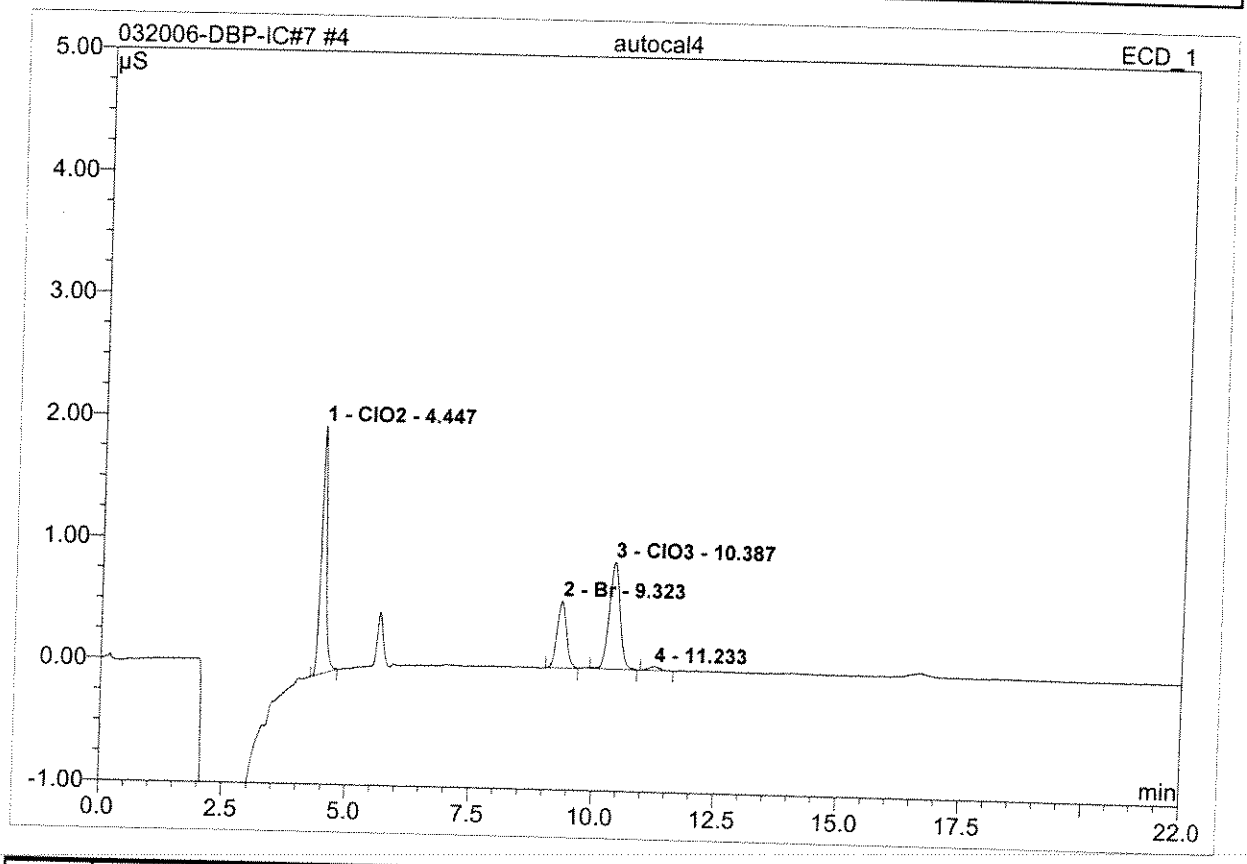


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.43	ClO2	0.205	0.029	43.18	20.751	BMB
2	9.32	Br	0.056	0.013	18.55	10.343	BMB
3	10.38	ClO3	0.084	0.021	30.76	19.777	BMB
4	11.19	n.a.	0.018	0.005	7.51	n.a.	BMB
Total:			0.363	0.068	100.00	50.871	

4 autocal4

BXS-DBP-3

Sample Name:	**autocal4**	*Injection Volume:*	**1000.0**
Vial Number:	**6**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 11:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

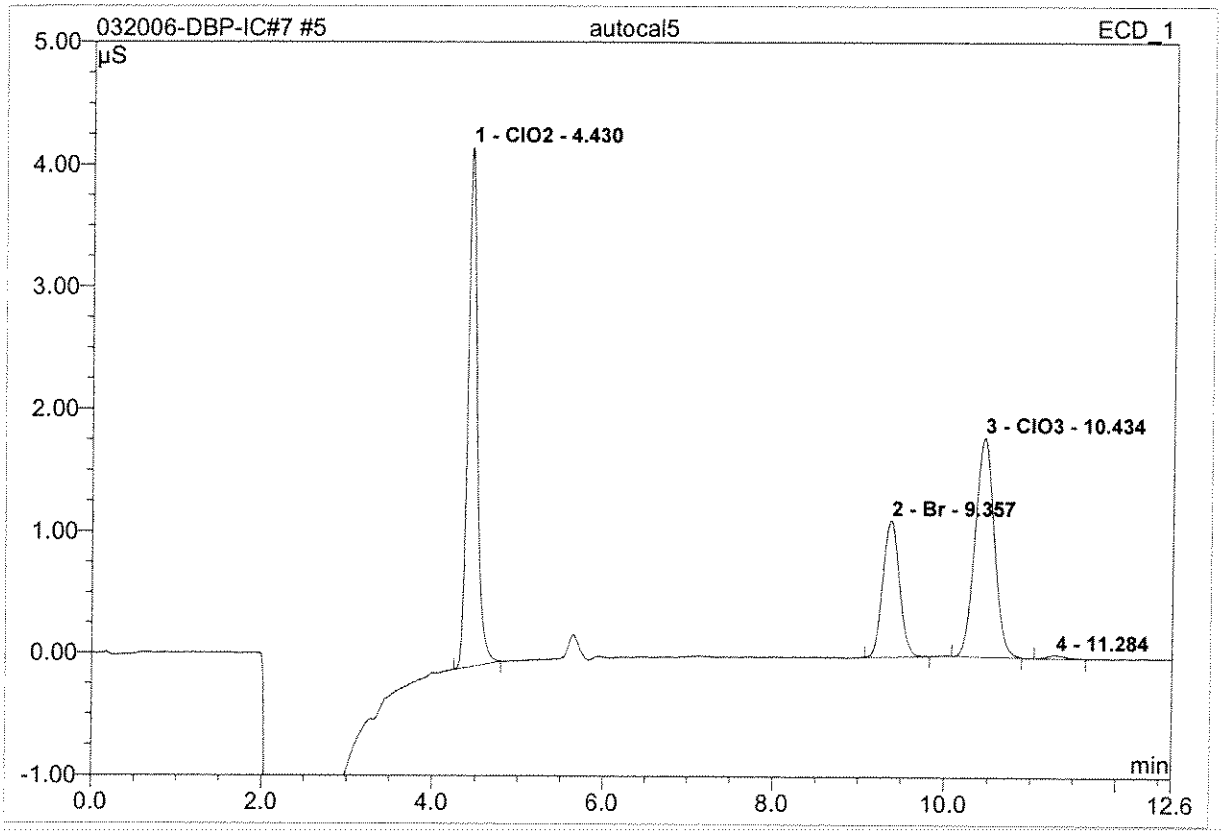


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.45	ClO2	2.035	0.260	41.92	196.705	BMB
2	9.32	Br	0.550	0.122	19.74	98.895	BMB
3	10.39	ClO3	0.876	0.229	36.90	199.009	BMB
4	11.23	n.a.	0.032	0.009	1.44	n.a.	BMB
Total:			3.493	0.620	100.00	494.609	

5 autocal5

BXS-DBP-4

Sample Name:	**autocal5**	*Injection Volume:*	**1000.0**
Vial Number:	**259**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 11:53**	*Sample Weight:*	**1.0000**
Run Time (min):	**12.64**	*Sample Amount:*	**1.0000**

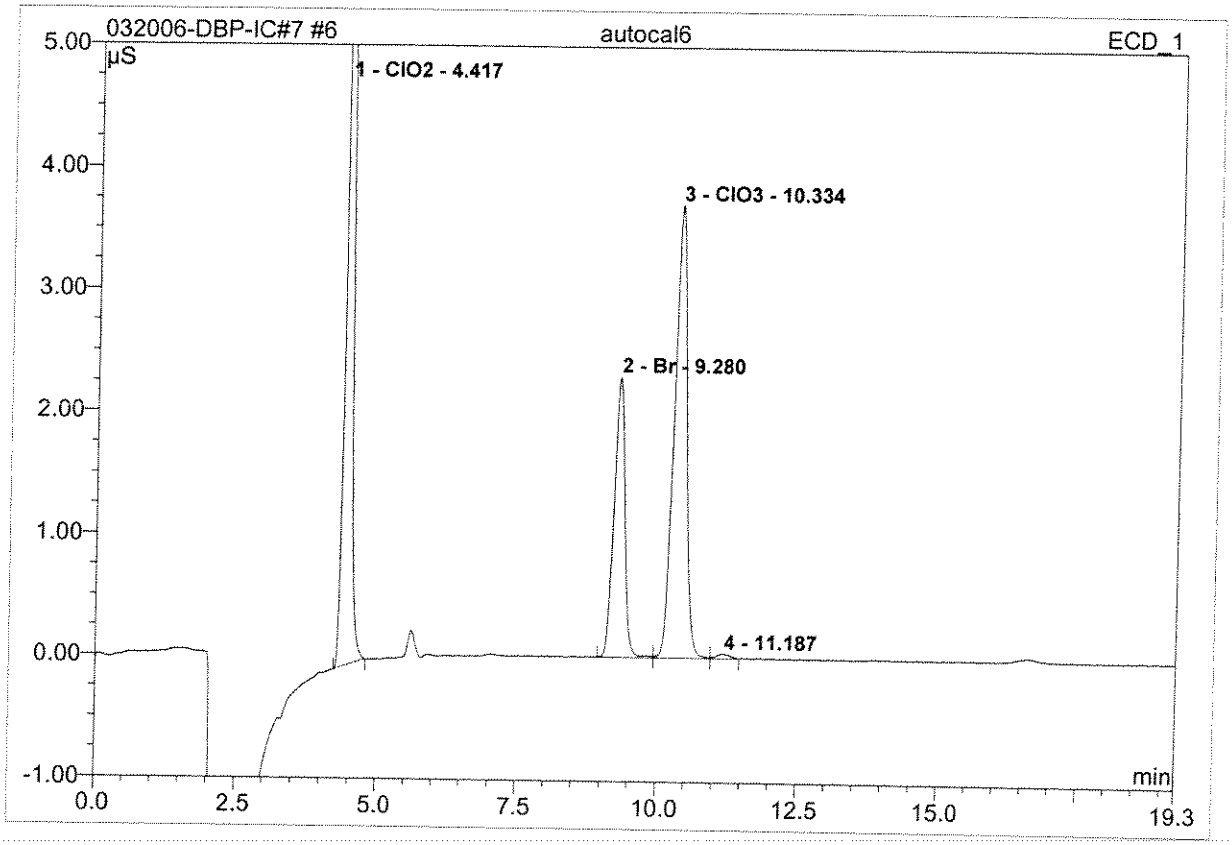


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.43	ClO2	4.255	0.540	42.65	402.272	BMB
2	9.36	Br	1.118	0.252	19.87	200.770	BMB
3	10.43	ClO3	1.792	0.468	36.91	400.718	BMB
4	11.28	n.a.	0.029	0.007	0.57	n.a.	BMB
Total:			7.194	1.267	100.00	1003.761	

6 autocal6

BXS-DBP-5

Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**260**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 12:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.26**	*Sample Amount:*	**1.0000**

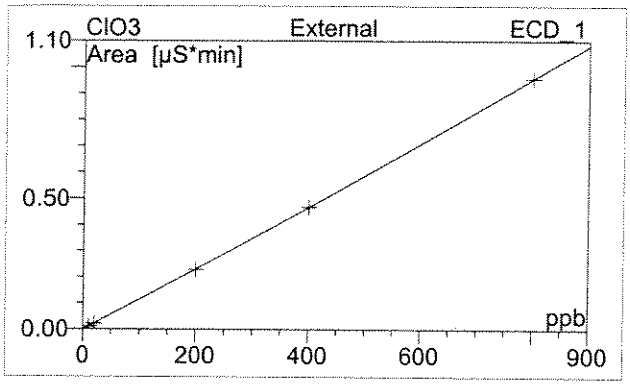


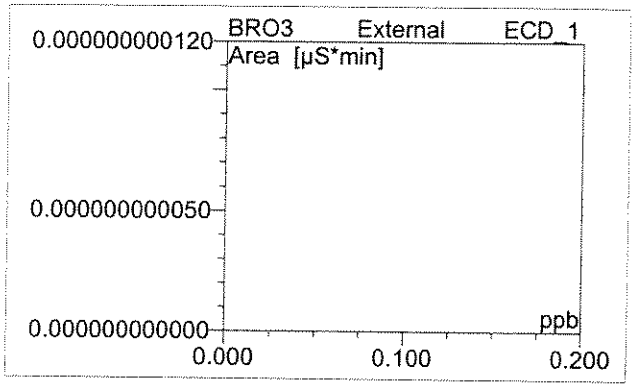
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.42	ClO2	9.057	1.117	42.99	799.657	BMB
2	9.28	Br	2.290	0.514	19.79	399.881	BM
3	10.33	ClO3	3.700	0.957	36.82	799.886	M
4	11.19	n.a.	0.036	0.010	0.40	n.a.	MB
Total:			15.083	2.599	100.00	1999.424	

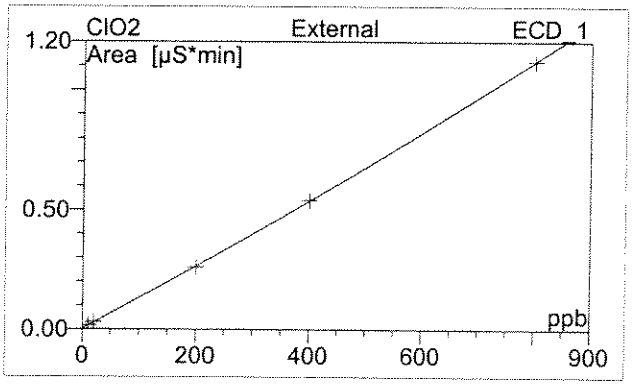
6 autocal6

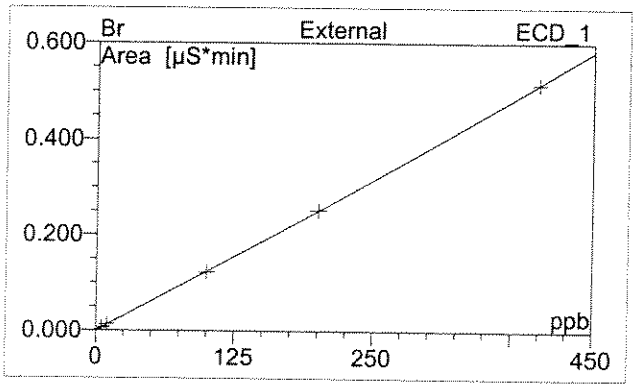
BXS-DBP-5

Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**260**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/15/2006 12:08**	*Sample Weight:*	**1.0000**
Run Time (min):	**19.26**	*Sample Amount:*	**1.0000**







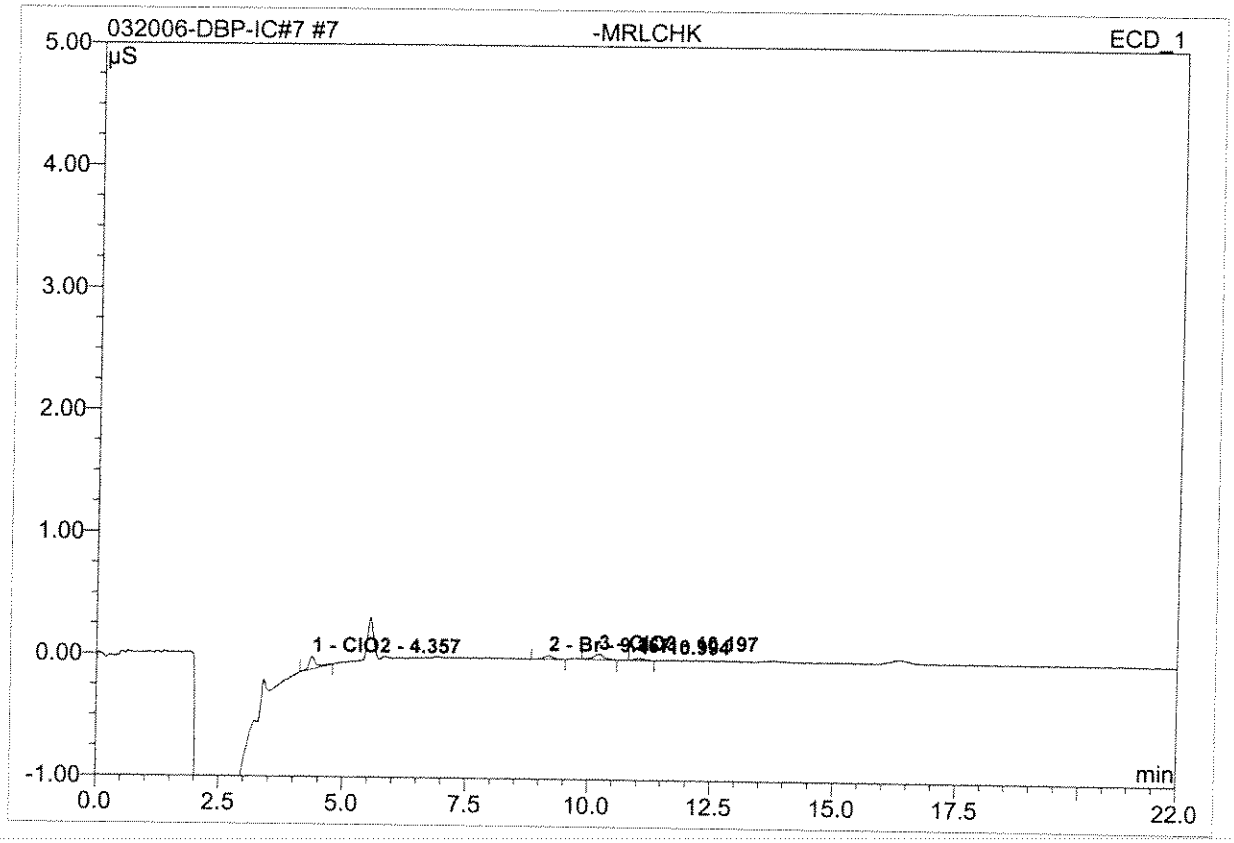


No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	4.42	ClO2	QOff	5	99.9708	0.0028	0.0013	0.0000
2	9.28	Br	QOff	5	99.9888	0.0000	0.0012	0.0000
3	10.33	ClO3	QOff	5	99.9916	-0.0018	0.0011	0.0000
4	11.19	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Average:					99.9837	0.0003	0.0012	0.0000

7 -MRLCHK

BXS-DBP-1

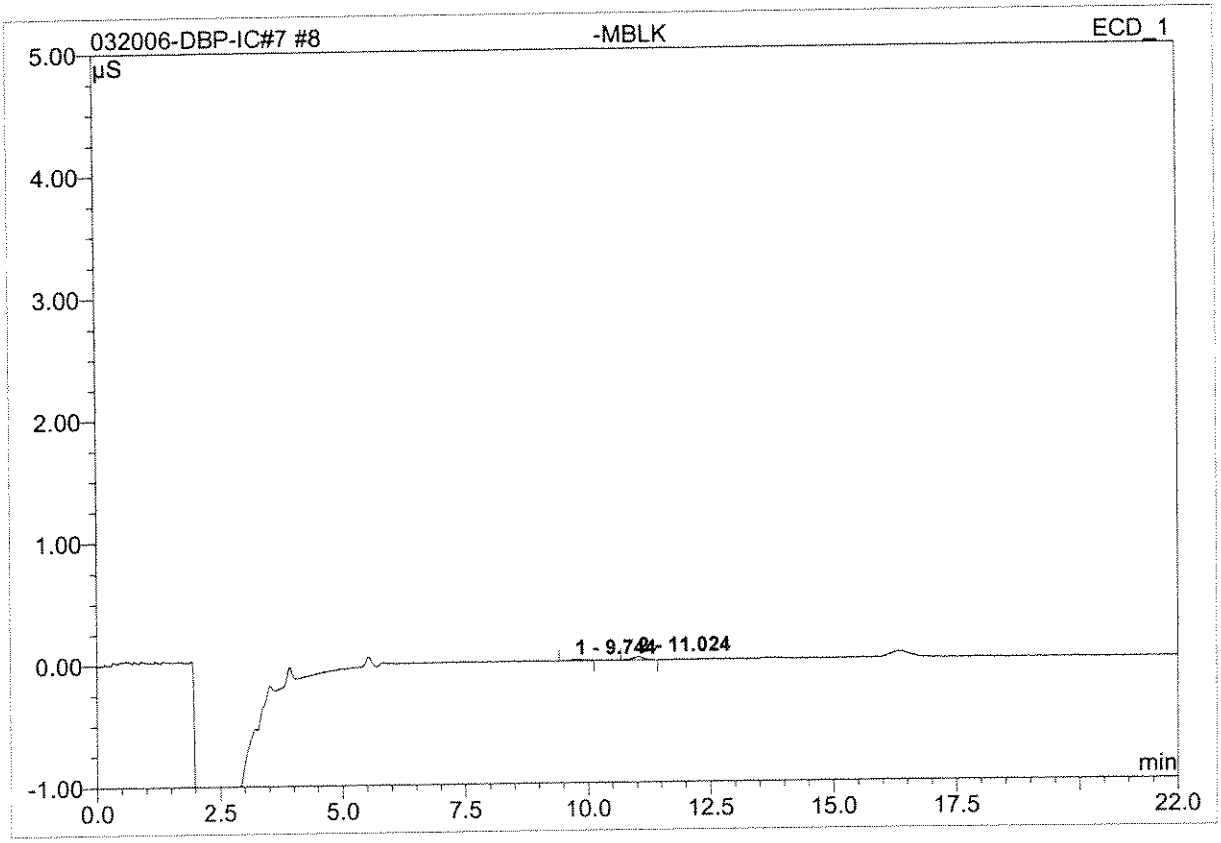
Sample Name:	**-MRLCHK**	*Injection Volume:*	**1000.0**
Vial Number:	**348**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 10:51**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.36	ClO2	0.103	0.015	41.13	9.839	BMB
2	9.17	Br	0.030	0.007	17.66	5.424	BMB
3	10.20	ClO3	0.044	0.011	30.06	11.324	BMB
4	10.99	n.a.	0.016	0.004	11.14	n.a.	BMB
Total:			0.192	0.037	100.00	26.587	

8 -MBLK

Sample Name:	**-MBLK**	*Injection Volume:*	**1000.0**
Vial Number:	**277**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 11:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

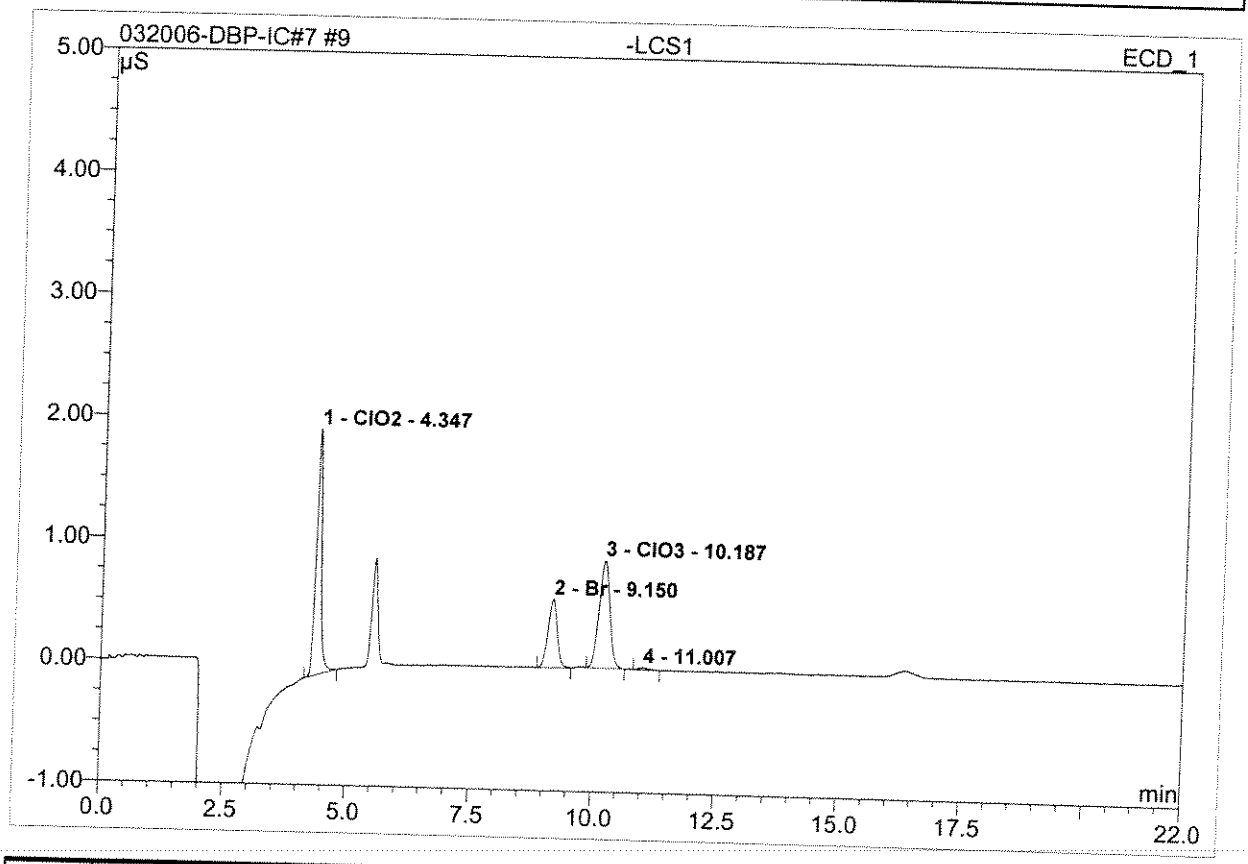


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.74	n.a.	0.012	0.004	32.93	n.a.	BMB
2	11.02	n.a.	0.027	0.008	67.07	n.a.	BMB
Total:			0.039	0.012	100.00	0.000	

9 -LCS1

BXS-DBP-6

Sample Name:	**-LCS1**	*Injection Volume:*	**1000.0**
Vial Number:	**269**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 11:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

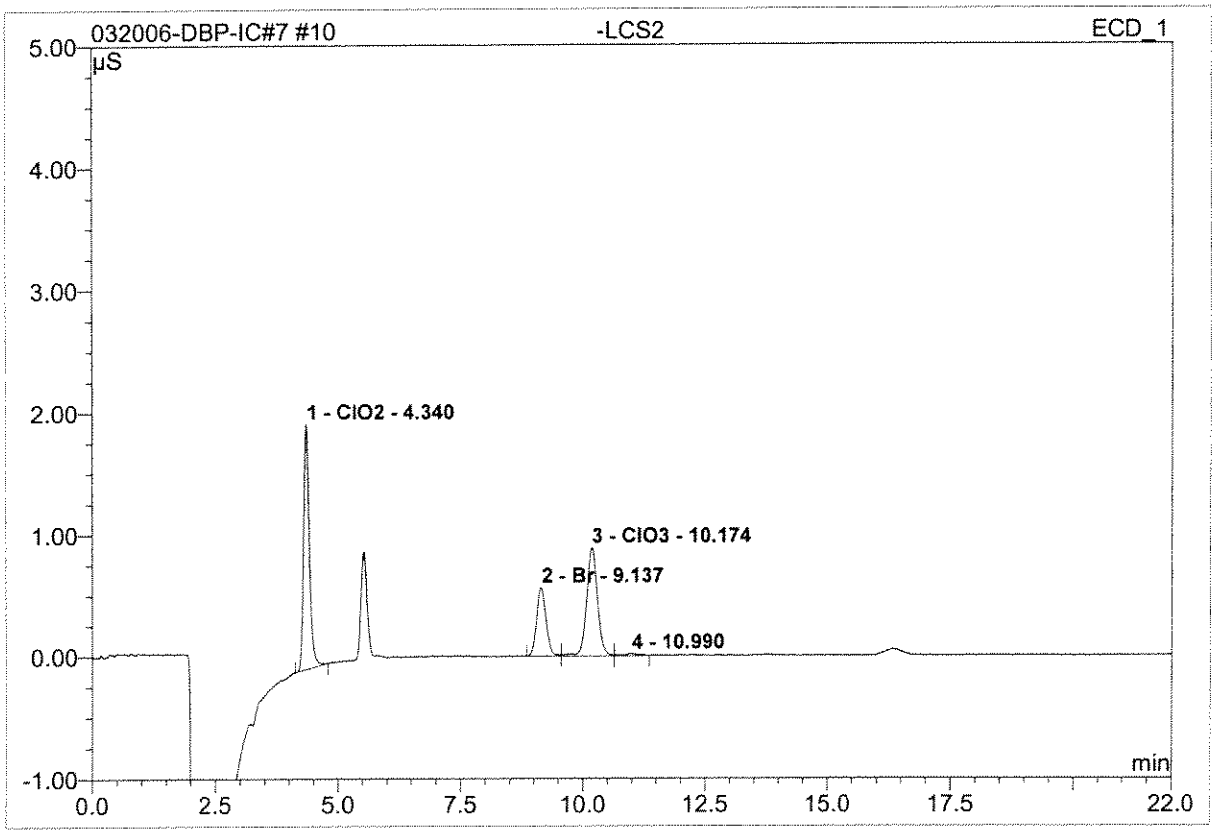


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.35	ClO2	2.014	0.260	42.53	197.216	BMB
2	9.15	Br	0.558	0.123	20.13	99.679	BMB
3	10.19	ClO3	0.879	0.225	36.67	195.563	BMB
4	11.01	n.a.	0.018	0.004	0.66	n.a.	BMB
Total:			3.468	0.612	100.00	492.458	

10 -LCS2

BXS-DBP-6

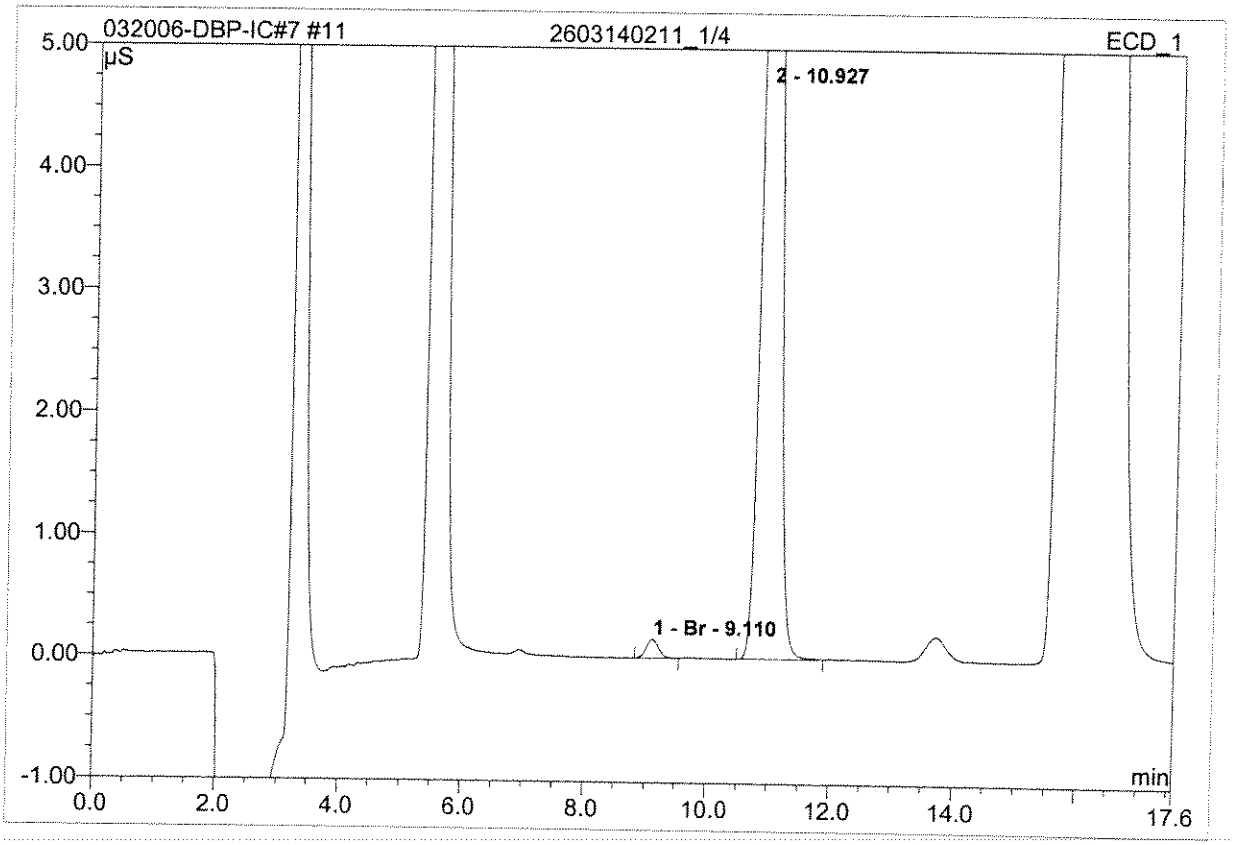
Sample Name:	**-LCS2**	*Injection Volume:*	**1000.0**
Vial Number:	**270**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 12:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.34	ClO2	2.011	0.259	41.47	196.413	BMB
2	9.14	Br	0.563	0.127	20.26	102.375	BM
3	10.17	ClO3	0.887	0.234	37.48	203.903	M
4	10.99	n.a.	0.017	0.005	0.79	n.a.	MB
Total:			3.477	0.625	100.00	502.691	

11 2603140211_1/4

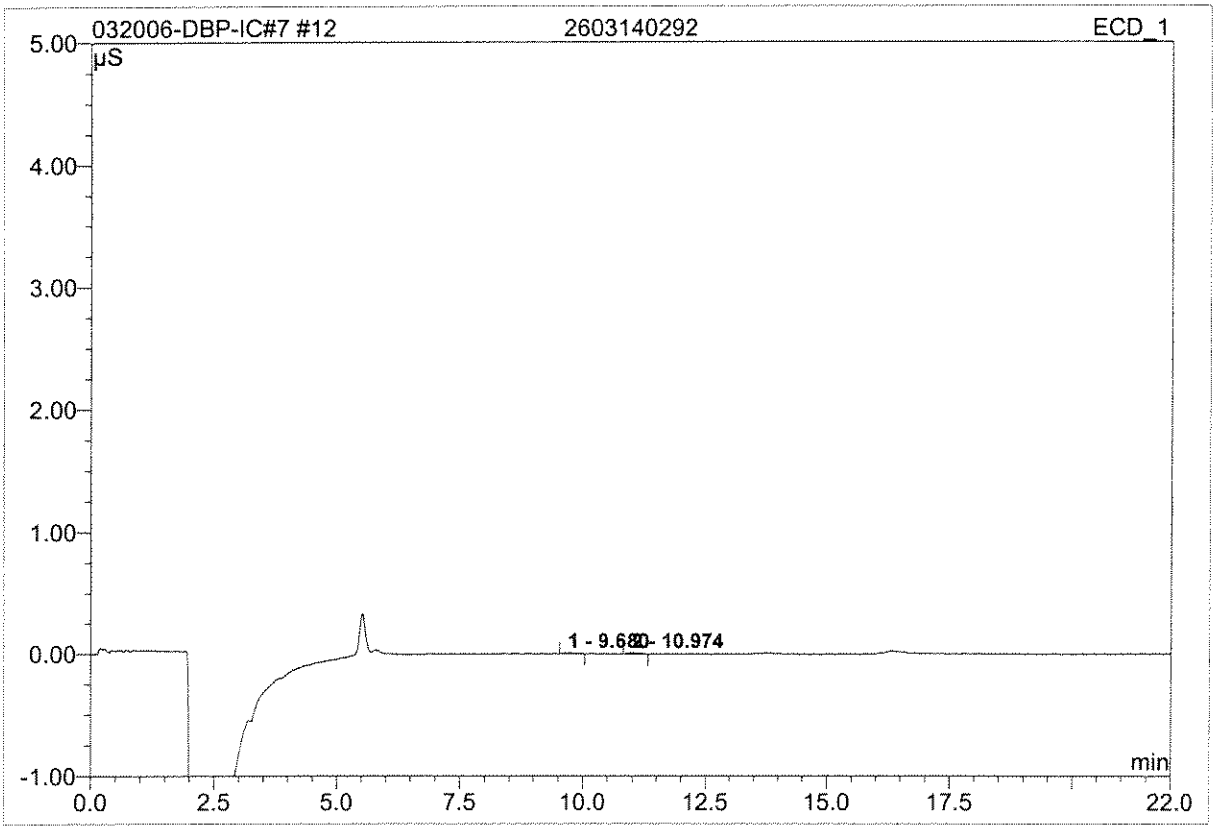
Sample Name:	**2603140211_1/4**	*Injection Volume:*	**1000.0**
Vial Number:	**297**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**4.0000**
Recording Time:	**3/20/2006 12:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**17.59**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.11	Br	0.154	0.037	1.06	120.029	BMB
2	10.93	n.a.	12.503	3.440	98.94	n.a.	BMB
Total:			12.657	3.477	100.00	120.029	

12 2603140292

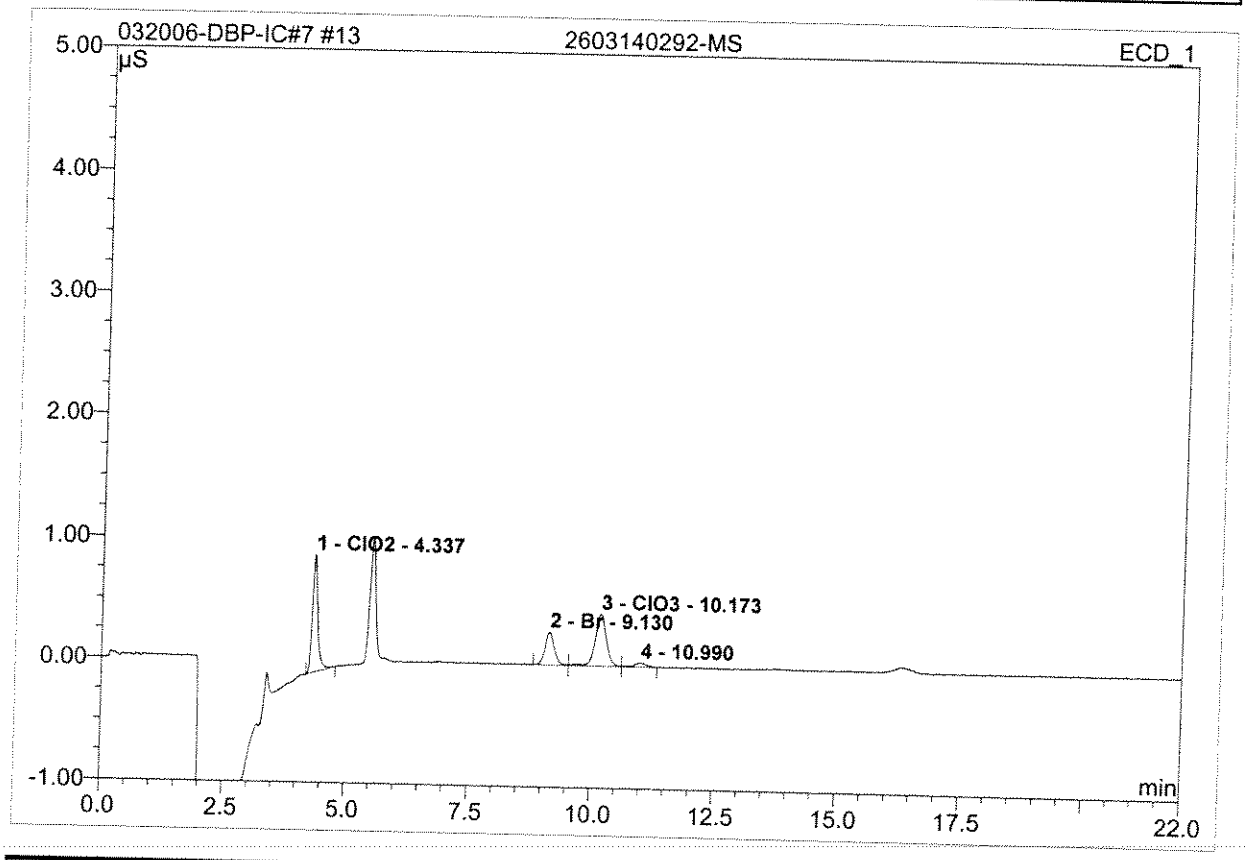
Sample Name:	**2603140292**	*Injection Volume:*	**1000.0**
Vial Number:	**298**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 12:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.68	n.a.	0.009	0.003	48.34	n.a.	BMB
2	10.97	n.a.	0.010	0.003	51.66	n.a.	BMB
Total:			0.019	0.005	100.00	0.000	

13 2603140292-MS

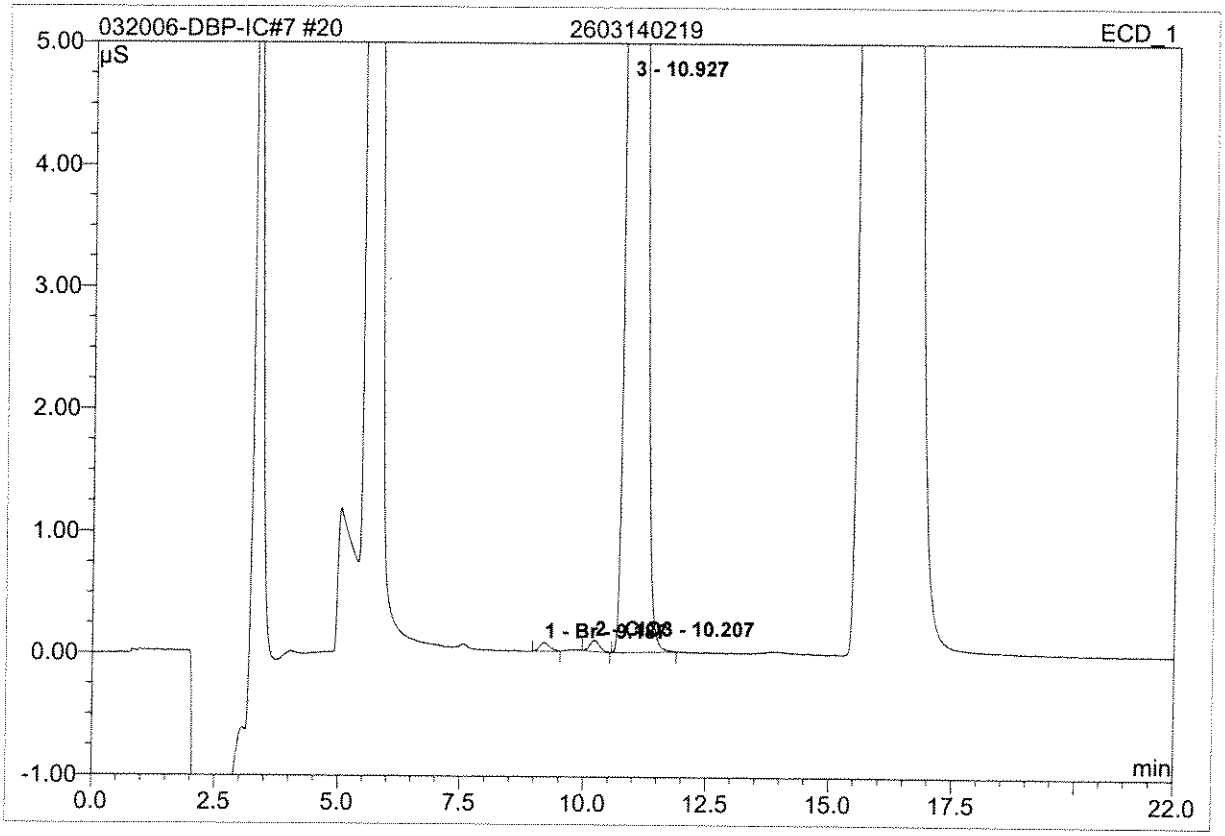
Sample Name:	**2603140292-MS**	*Injection Volume:*	**1000.0**
Vial Number:	**299**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 13:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.34	ClO2	0.961	0.125	40.39	94.857	BMB
2	9.13	Br	0.271	0.061	19.63	49.577	BM
3	10.17	ClO3	0.427	0.114	36.88	100.900	M
4	10.99	n.a.	0.033	0.010	3.10	n.a.	MB
Total:			1.693	0.310	100.00	245.334	

20 2603140219

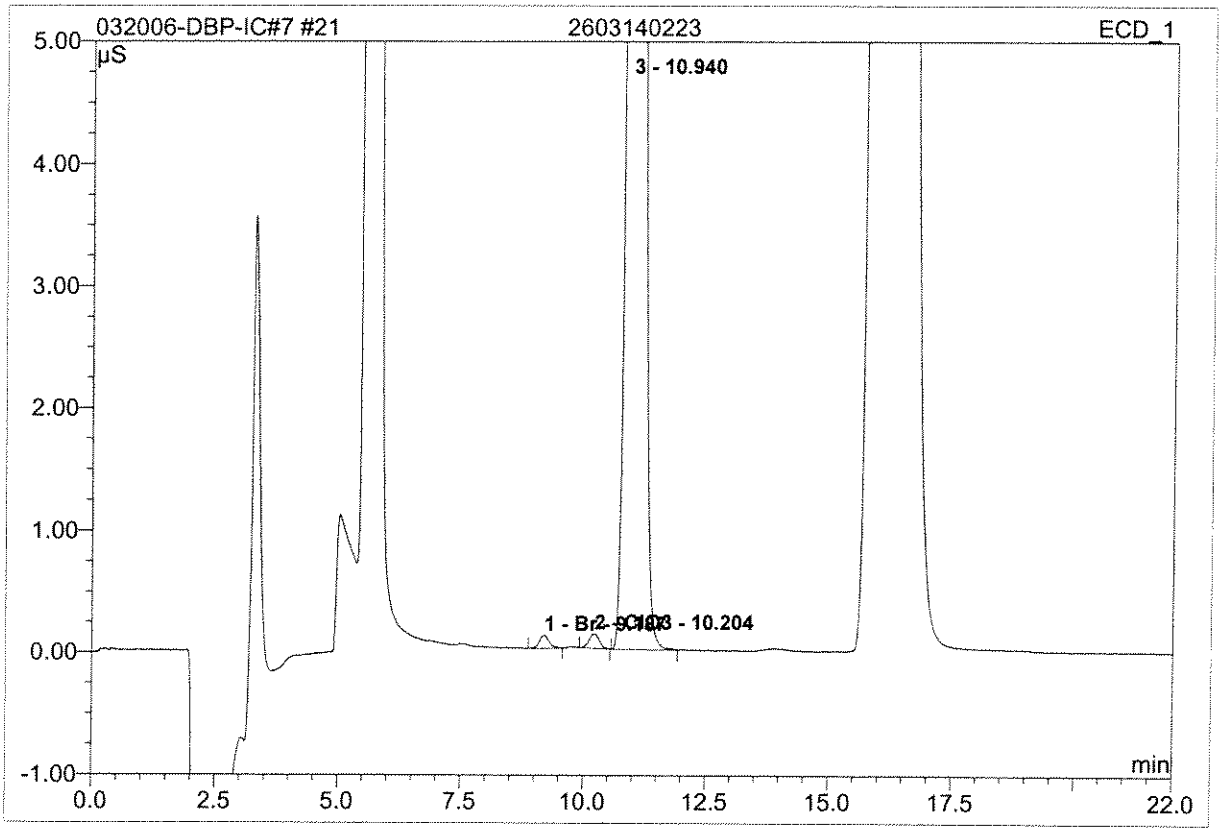
Sample Name:	**2603140219**	*Injection Volume:*	**1000.0**
Vial Number:	**297**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 16:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.19	Br	0.070	0.017	0.14	13.641	BMB
2	10.21	ClO3	0.091	0.021	0.19	20.297	BMB
3	10.93	n.a.	42.389	11.470	99.67	n.a.	BMB
Total:			42.549	11.508	100.00	33.938	

21 2603140223

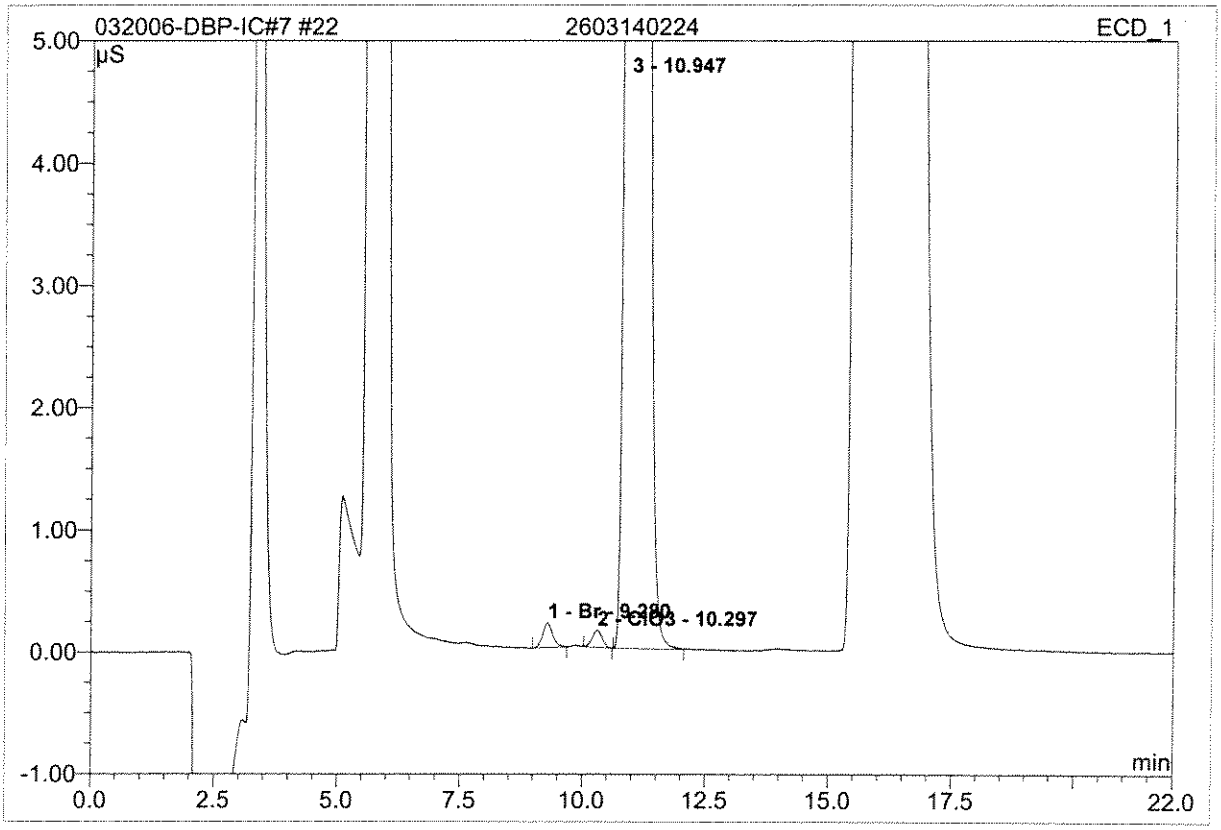
Sample Name:	**2603140223**	*Injection Volume:*	**1000.0**
Vial Number:	**298**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 16:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.19	Br	0.105	0.025	0.27	20.618	BMB
2	10.20	ClO3	0.117	0.029	0.31	26.484	BMB
3	10.94	n.a.	34.206	9.165	99.42	n.a.	BMB
Total:			34.429	9.219	100.00	47.102	

22 2603140224

Sample Name:	**2603140224**	*Injection Volume:*	**1000.0**
Vial Number:	**299**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 16:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**

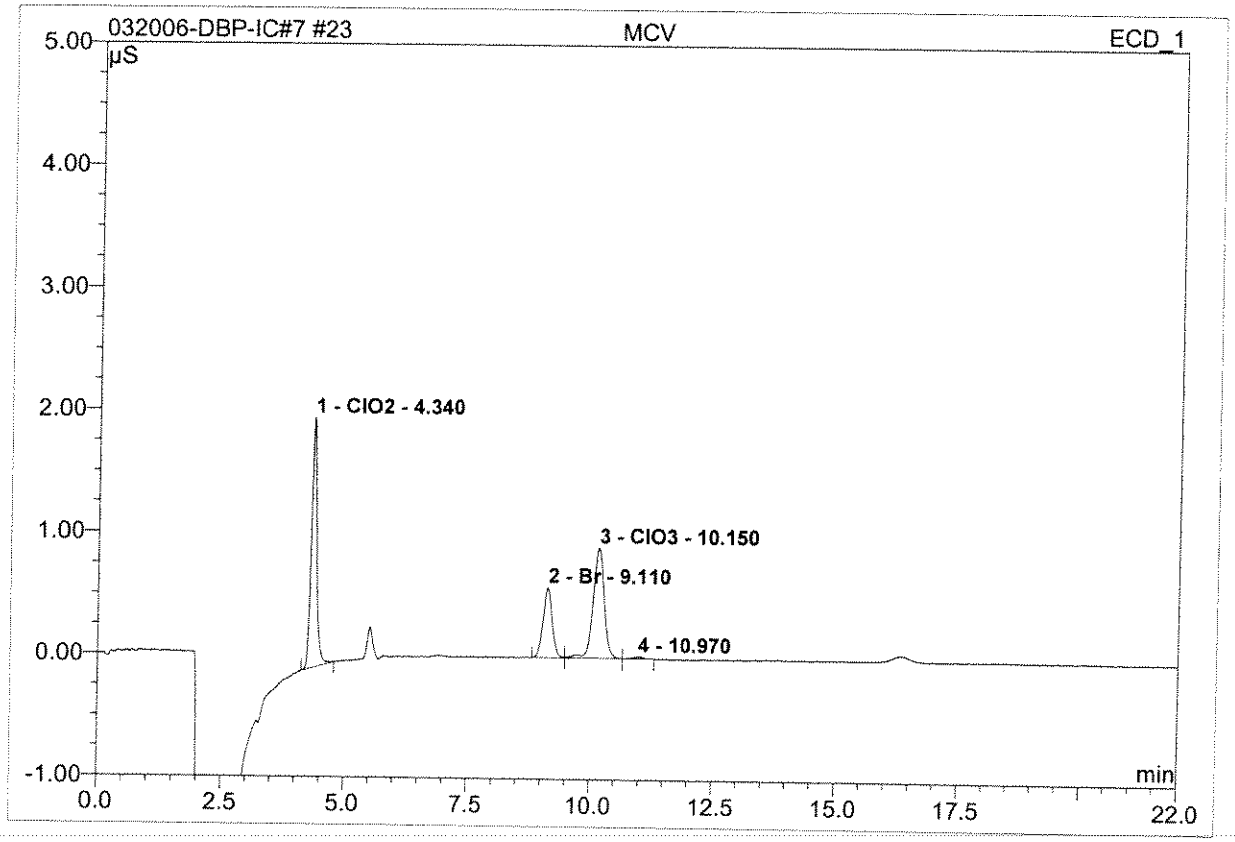


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.28	Br	0.202	0.049	0.21	39.883	BMB
2	10.30	ClO3	0.139	0.033	0.14	30.112	BMB
3	10.95	n.a.	80.750	23.208	99.65	n.a.	BMB
Total:			81.091	23.290	100.00	69.996	

23 MCV

BXS-DBP-3

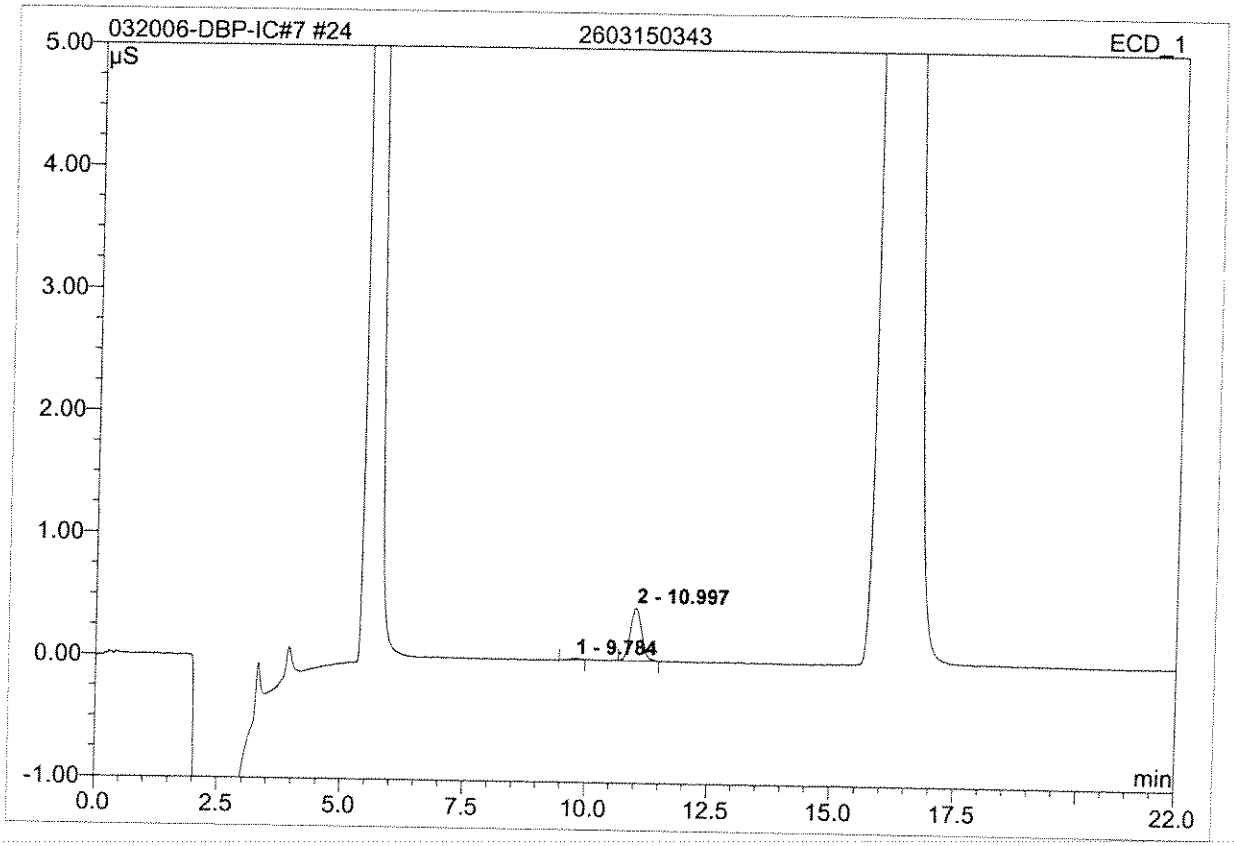
Sample Name:	**MCV**	*Injection Volume:*	**1000.0**
Vial Number:	**279**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 17:18**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.34	ClO2	2.045	0.265	41.54	200.775	BMB
2	9.11	Br	0.575	0.128	20.04	103.388	BM
3	10.15	ClO3	0.902	0.241	37.76	209.608	M
4	10.97	n.a.	0.018	0.004	0.66	n.a.	MB
Total:			3.540	0.638	100.00	513.771	

24 2603150343

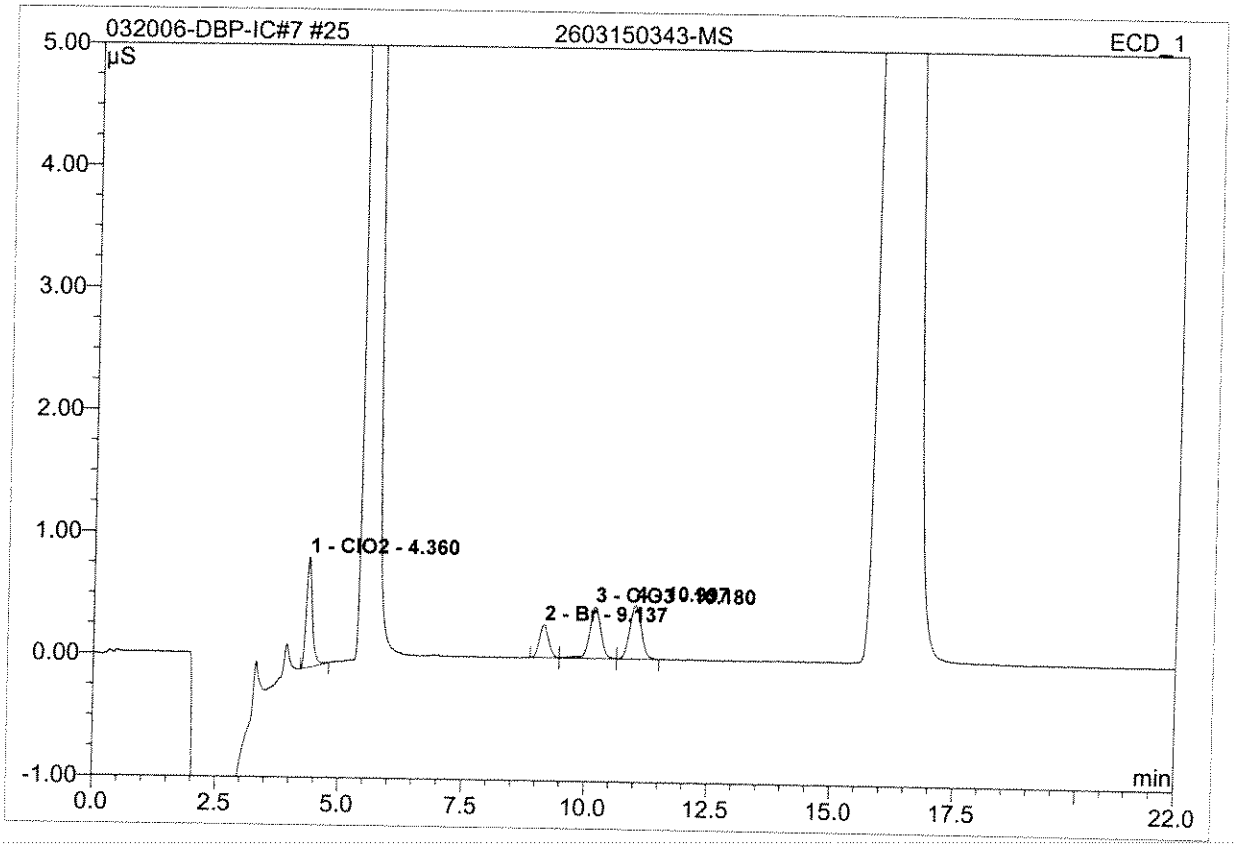
Sample Name:	**2603150343**	*Injection Volume:*	**1000.0**
Vial Number:	**295**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 17:43**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.78	n.a.	0.012	0.003	2.54	n.a.	BMB
2	11.00	n.a.	0.431	0.118	97.46	n.a.	BMB
Total:			0.442	0.121	100.00	0.000	

25 2603150343-MS

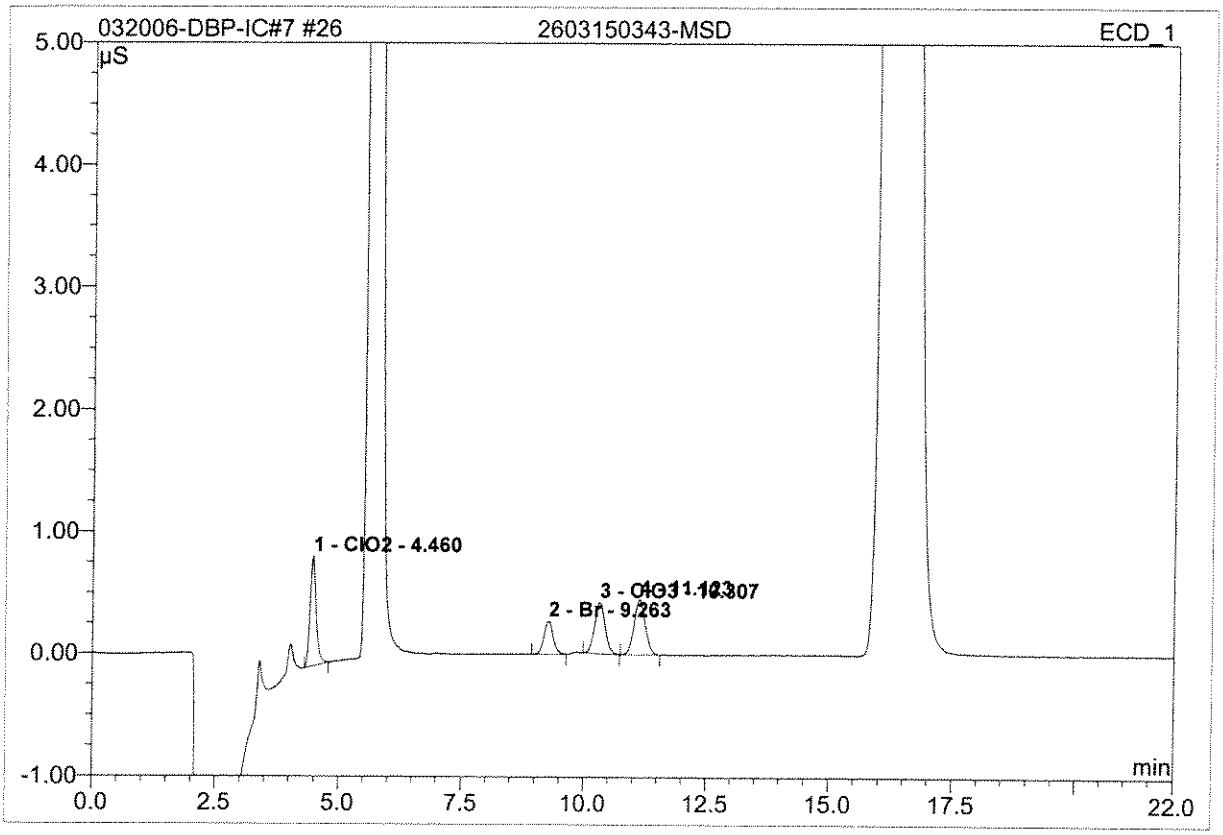
Sample Name:	**2603150343-MS**	*Injection Volume:*	**1000.0**
Vial Number:	**296**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 18:07**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.36	ClO2	0.896	0.124	29.56	94.225	BMB
2	9.14	Br	0.268	0.060	14.32	49.104	BM
3	10.18	ClO3	0.423	0.116	27.57	102.372	M
4	11.00	n.a.	0.439	0.120	28.55	n.a.	MB
Total:			2.027	0.421	100.00	245.701	

26 2603150343-MSD

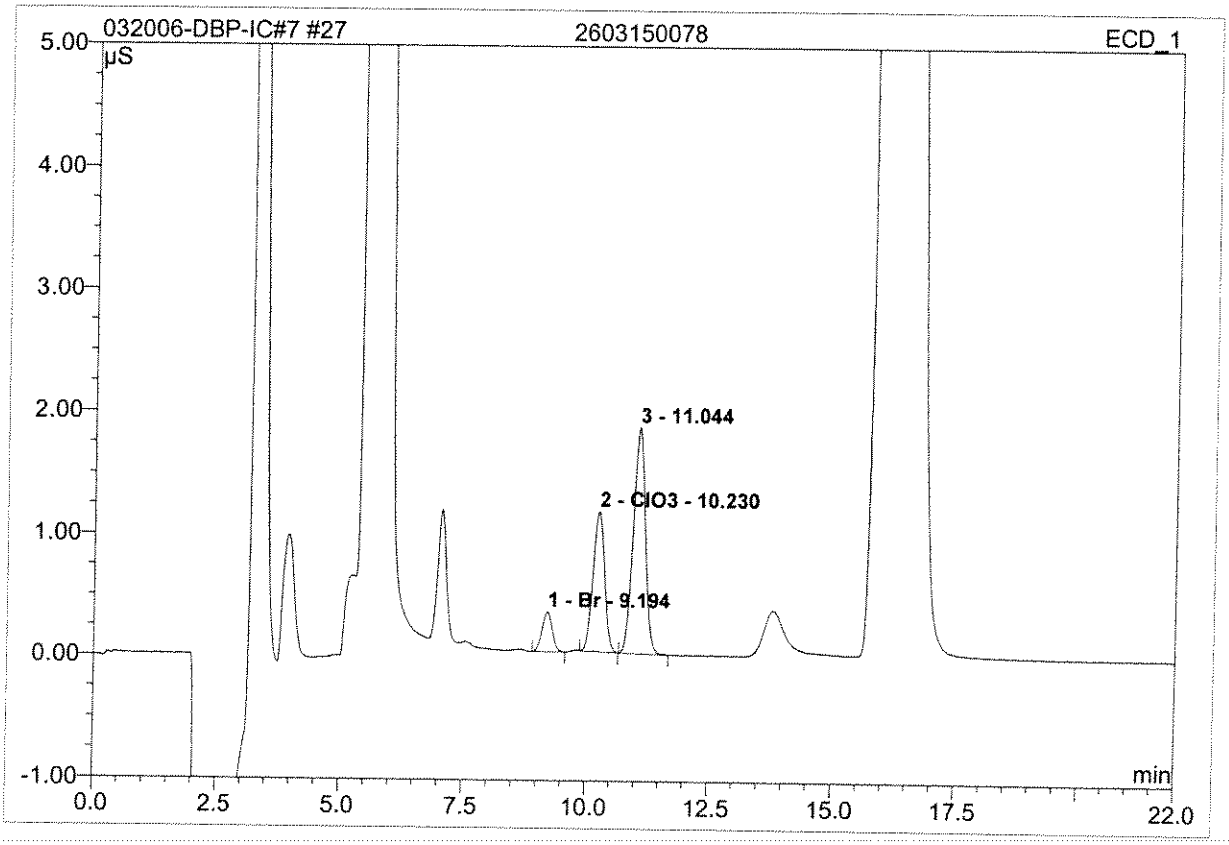
Sample Name:	**2603150343-MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**297**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 18:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.46	ClO2	0.899	0.125	30.20	94.675	BMB
2	9.26	Br	0.271	0.061	14.62	49.287	BMB
3	10.31	ClO3	0.420	0.107	25.86	94.591	BMB
4	11.12	n.a.	0.451	0.121	29.33	n.a.	BMB
Total:			2.041	0.414	100.00	238.553	

27 2603150078

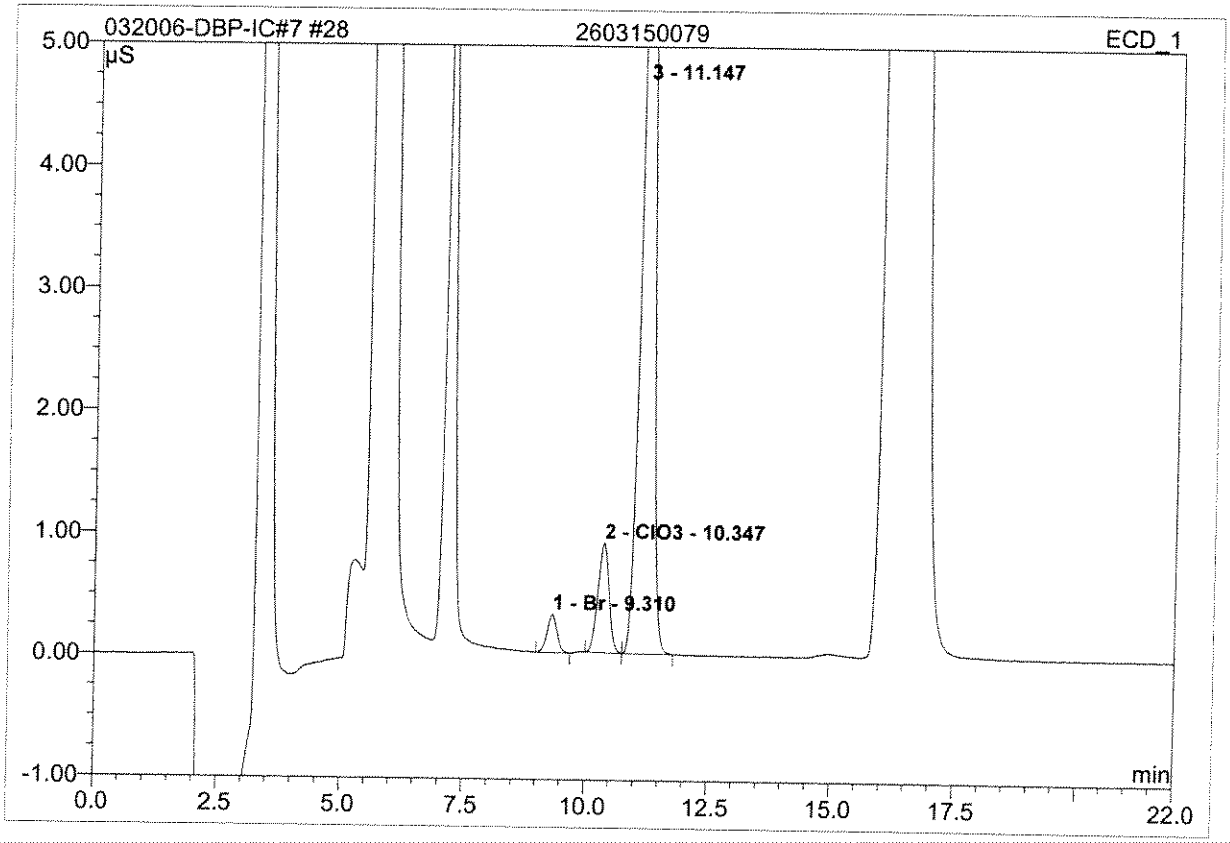
Sample Name:	**2603150078**	*Injection Volume:*	**1000.0**
Vial Number:	**296**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 18:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.19	Br	0.333	0.081	8.68	65.991	BMB
2	10.23	ClO3	1.149	0.317	33.86	274.063	BMB
3	11.04	n.a.	1.853	0.538	57.46	n.a.	BMB
Total:			3.335	0.936	100.00	340.054	

28 2603150079

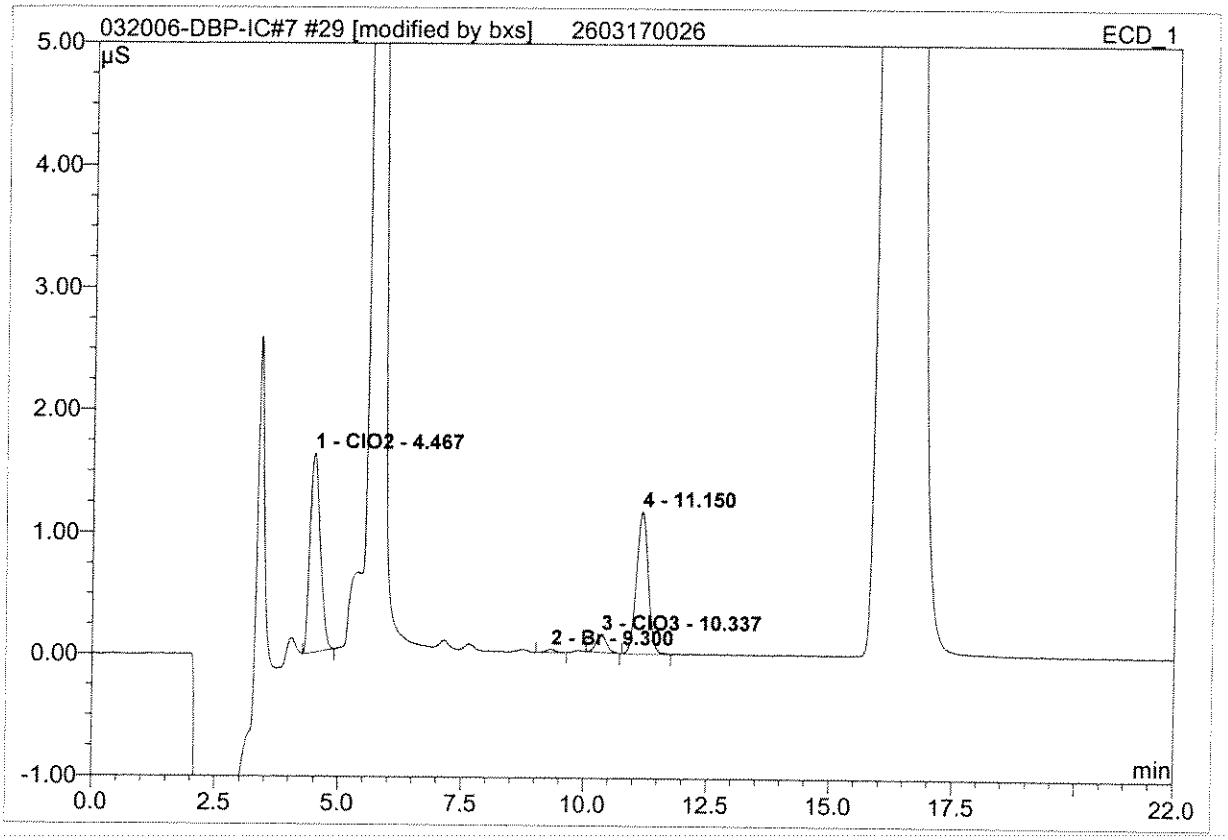
Sample Name:	**2603150079**	*Injection Volume:*	**1000.0**
Vial Number:	**298**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 19:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.31	Br	0.314	0.075	3.02	61.108	BMB
2	10.35	ClO3	0.897	0.241	9.67	209.198	BMB
3	11.15	n.a.	7.770	2.172	87.31	n.a.	BMB
Total:			8.981	2.488	100.00	270.307	

29 2603170026

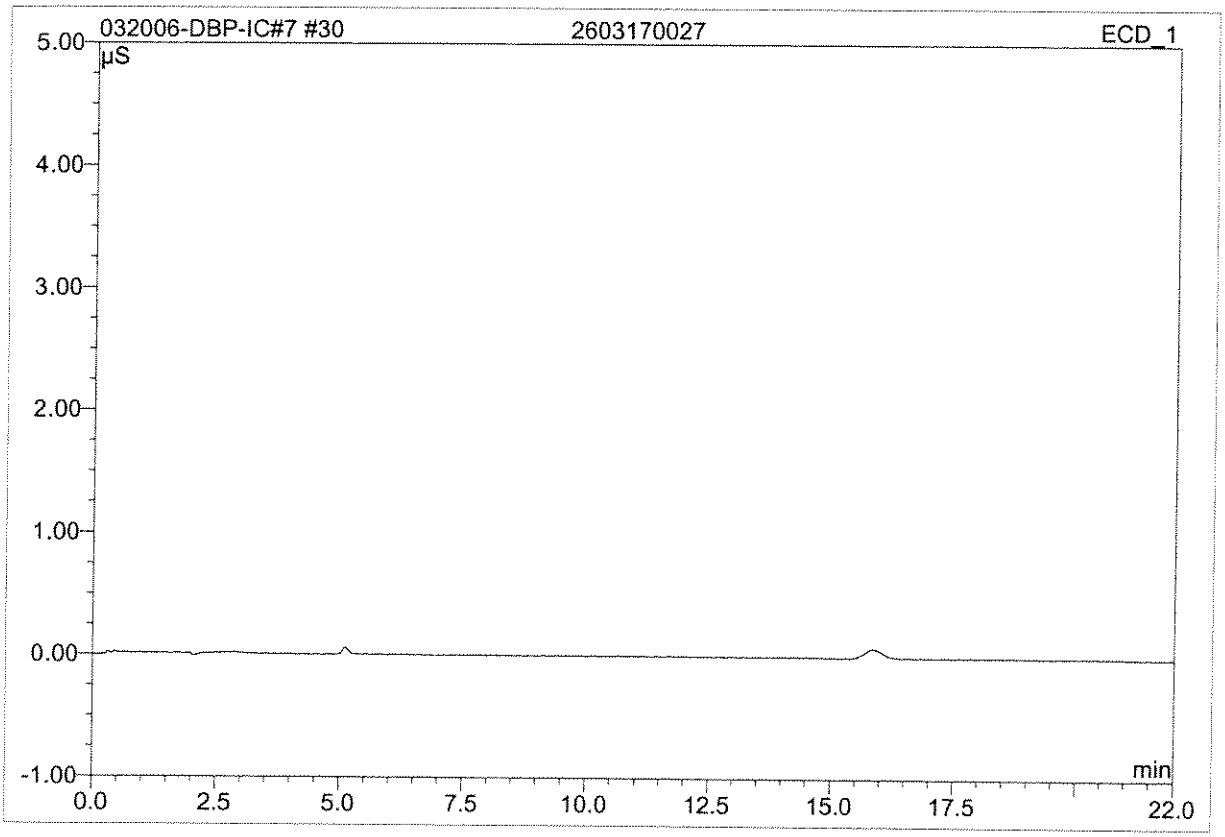
Sample Name:	**2603170026**	*Injection Volume:*	**1000.0**
Vial Number:	**299**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 19:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.47	ClO2	1.626	0.400	52.06	300.837	BMB*
2	9.30	Br	0.026	0.005	0.71	4.496	BMB
3	10.34	ClO3	0.147	0.037	4.85	34.027	BMB
4	11.15	n.a.	1.167	0.326	42.38	n.a.	BMB
Total:			2.966	0.769	100.00	339.360	

30 2603170027

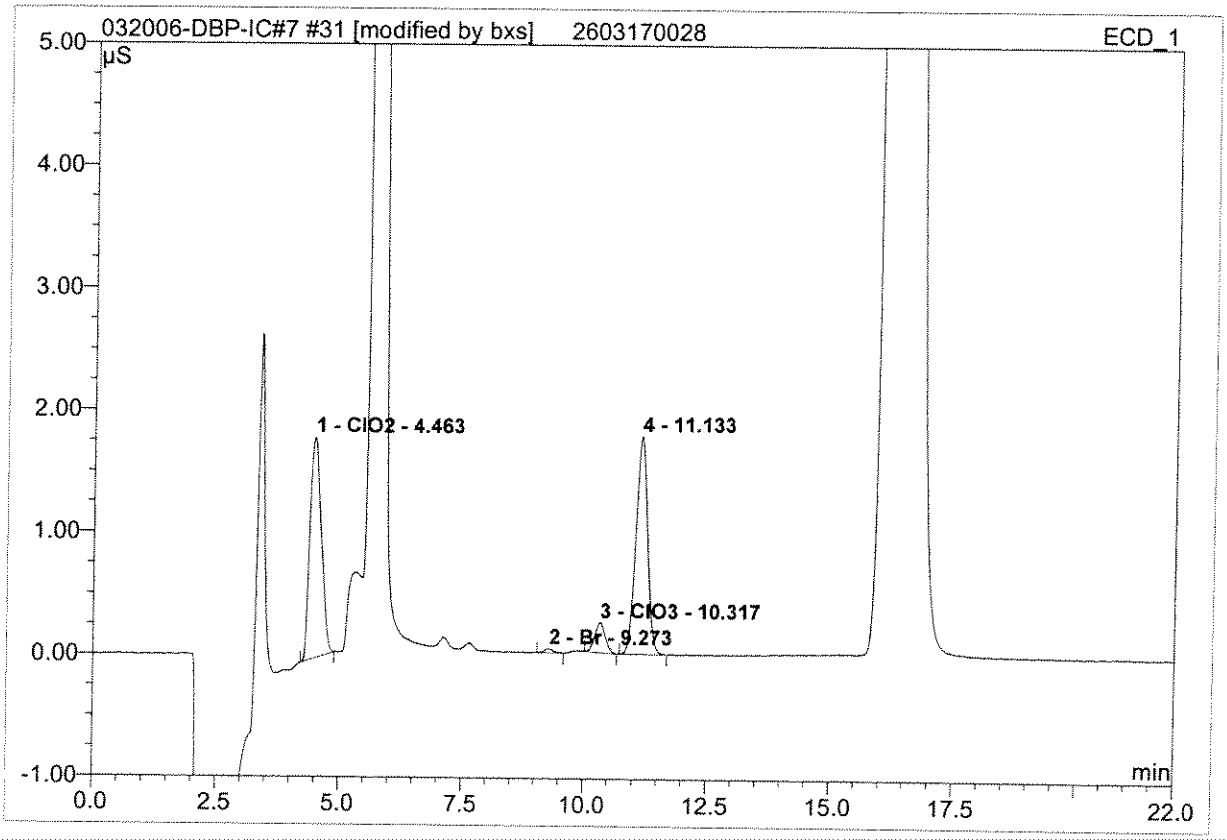
Sample Name:	**2603170027**	*Injection Volume:*	**1000.0**
Vial Number:	**299**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 20:10**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
Total:			0.000	0.000	0.00	0.000	

31 2603170028

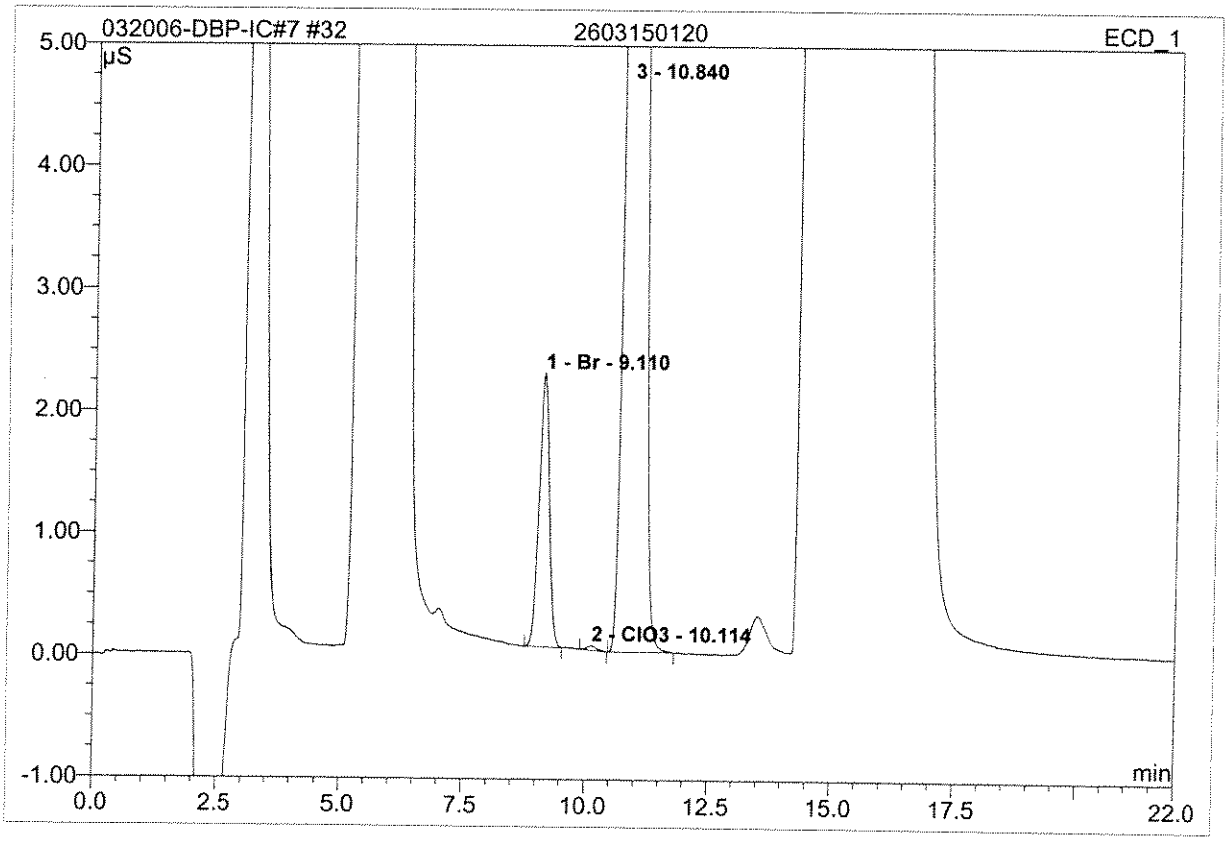
Sample Name:	**2603170028**	*Injection Volume:*	**1000.0**
Vial Number:	**301**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 20:34**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.46	ClO2	1.808	0.487	46.35	363.643	BMB*
2	9.27	Br	0.034	0.007	0.69	5.963	BMB
3	10.32	ClO3	0.244	0.062	5.94	55.846	BMB
4	11.13	n.a.	1.781	0.494	47.02	n.a.	BMB
Total:			3.866	1.050	100.00	425.452	

32 2603150120

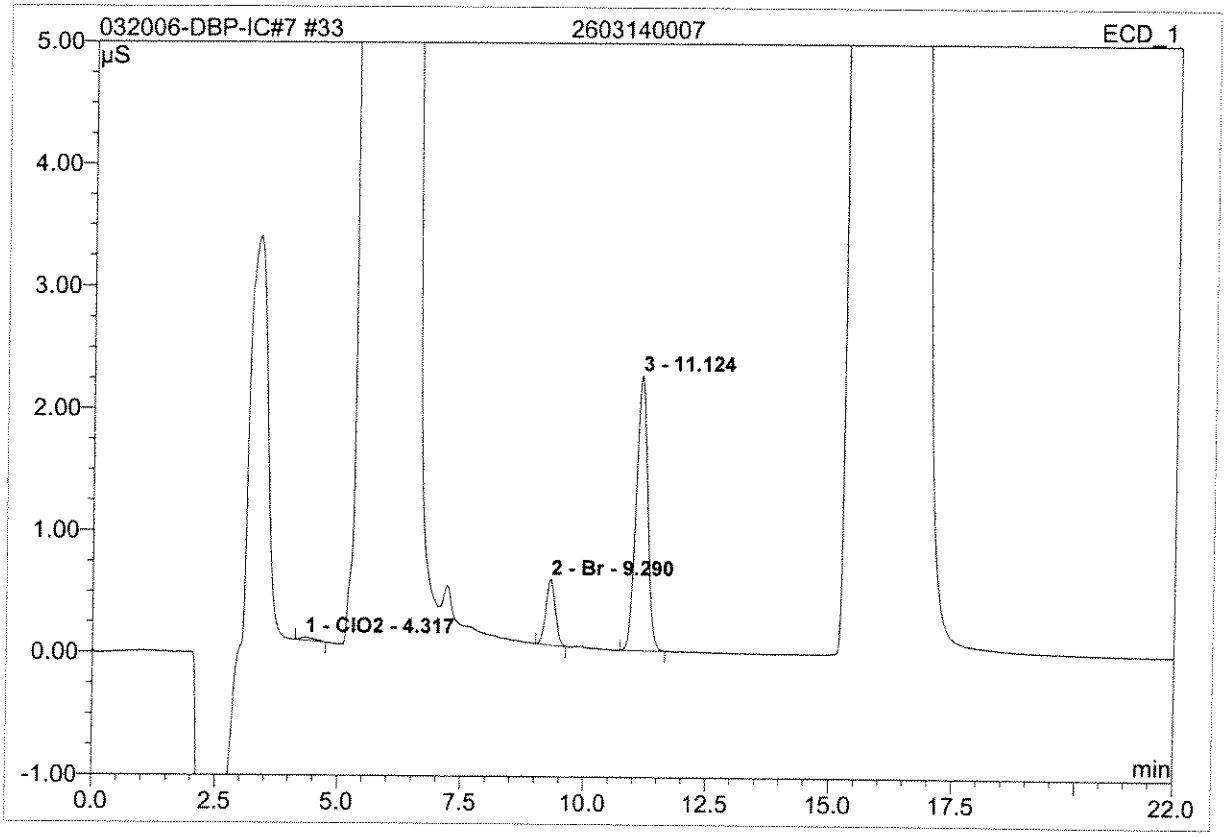
Sample Name:	**2603150120**	*Injection Volume:*	**1000.0**
Vial Number:	**302**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 20:59**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.11	Br	2.236	0.549	4.66	425.657	BMB
2	10.11	ClO3	0.038	0.009	0.07	9.095	BMB
3	10.84	n.a.	40.749	11.234	95.27	n.a.	BMB
Total:			43.022	11.792	100.00	434.753	

33 2603140007

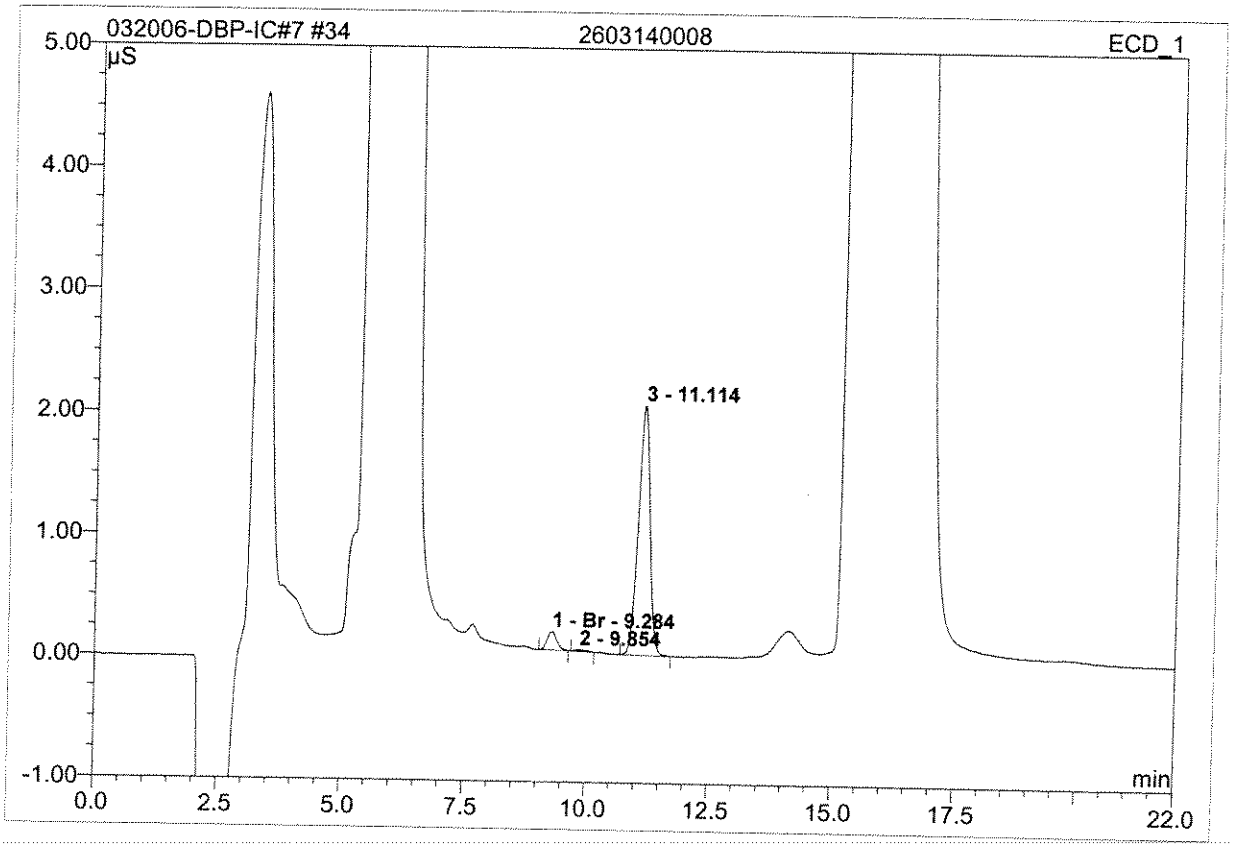
Sample Name:	**2603140007**	*Injection Volume:*	**1000.0**
Vial Number:	**303**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 21:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.32	ClO2	0.024	0.008	1.01	3.753	BMB
2	9.29	Br	0.537	0.123	16.39	99.533	BMB
3	11.12	n.a.	2.251	0.621	82.61	n.a.	BMB
Total:			2.812	0.751	100.00	103.287	

34 2603140008

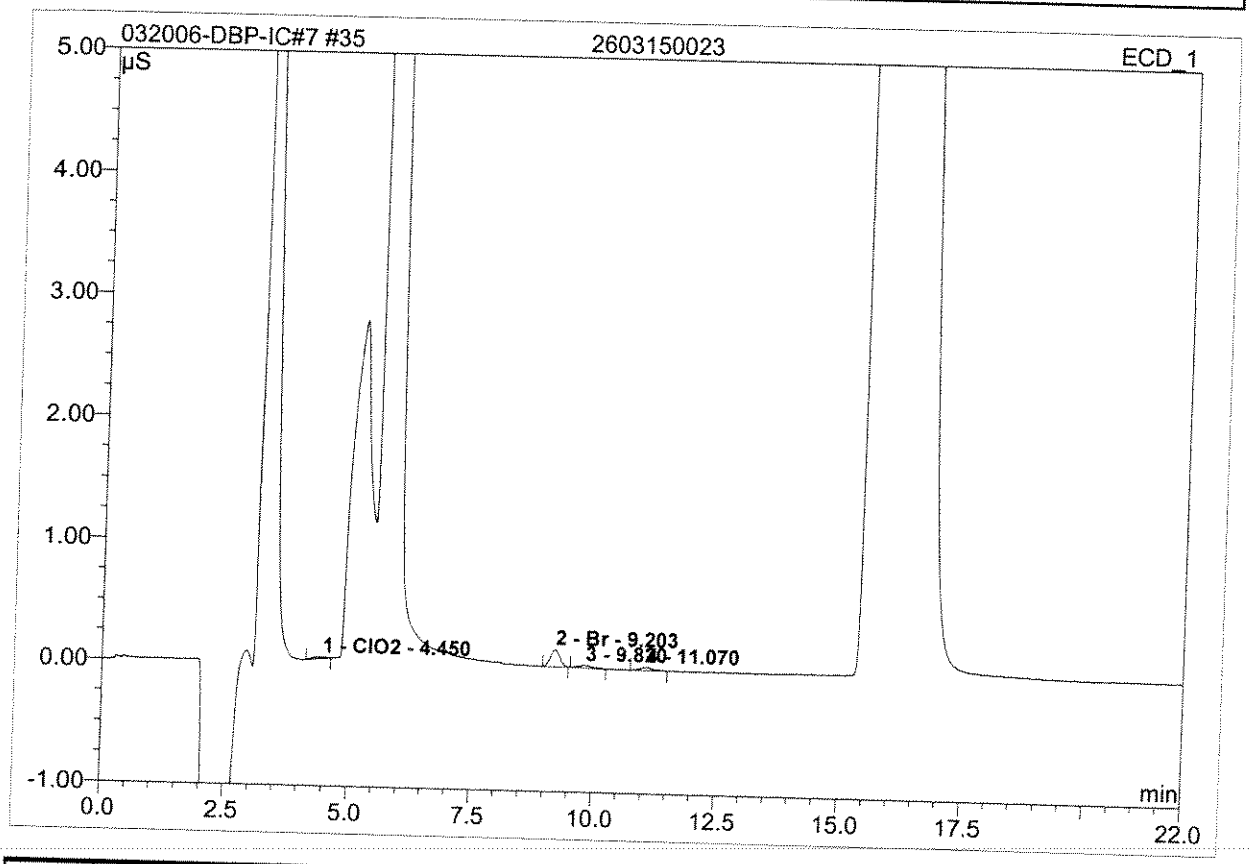
Sample Name:	**2603140008**	*Injection Volume:*	**1000.0**
Vial Number:	**304**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 21:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	9.28	Br	0.152	0.035	5.79	28.584	BMB
2	9.85	n.a.	0.014	0.004	0.62	n.a.	BMB
3	11.11	n.a.	2.048	0.565	93.58	n.a.	BMB
Total:			2.213	0.604	100.00	28.584	

35 2603150023

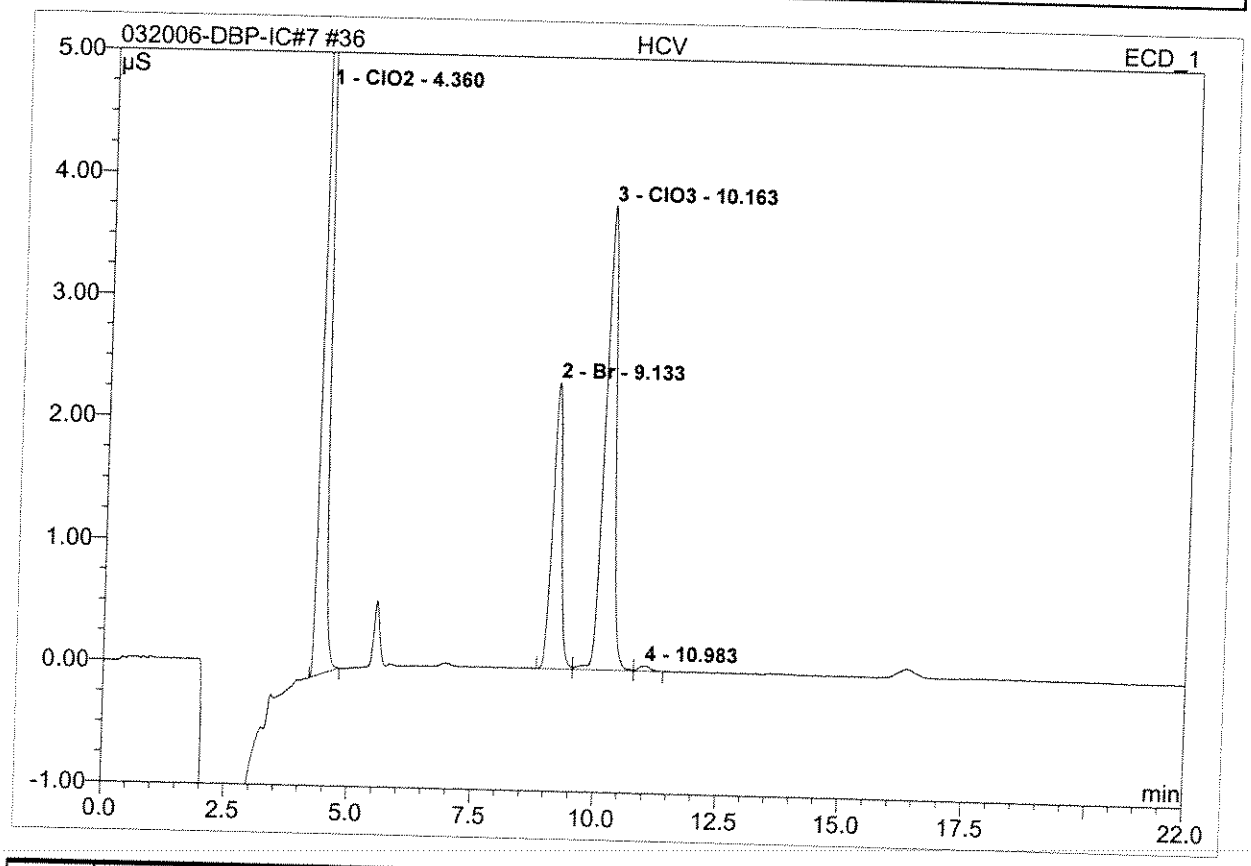
Sample Name:	**2603150023**	*Injection Volume:*	**1000.0**
Vial Number:	**305**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 22:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.45	ClO2	0.013	0.005	9.21	1.544	BMB
2	9.20	Br	0.142	0.031	60.90	25.557	BMB
3	9.82	n.a.	0.022	0.007	13.87	n.a.	BMB
4	11.07	n.a.	0.027	0.008	16.03	n.a.	BMB
Total:			0.204	0.051	100.00	27.102	

36 HCV

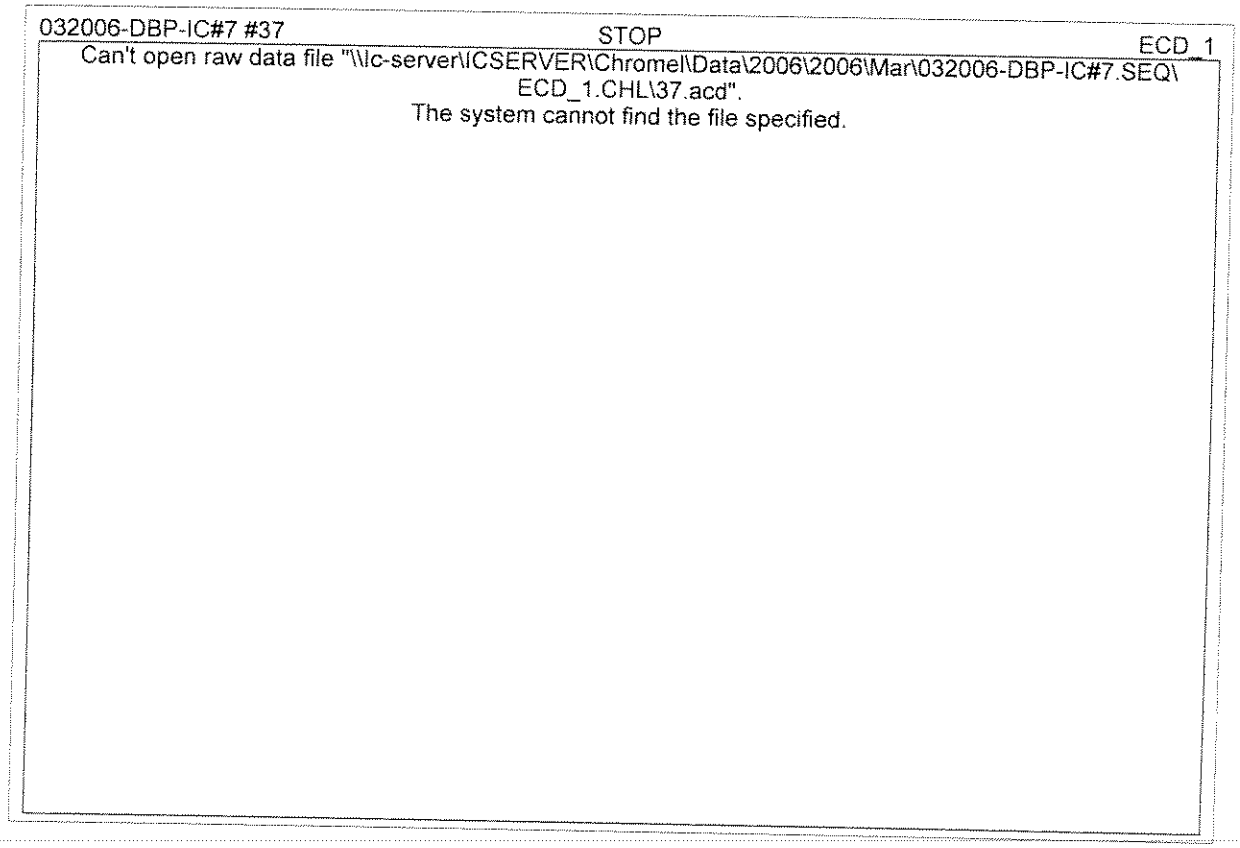
Sample Name:	**HCV**	*Injection Volume:*	**1000.0**
Vial Number:	**292**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC7-DBP program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 22:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**22.00**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount ppb	Type
1	4.36	ClO2	8.985	1.126	42.62	805.313	BMB
2	9.13	Br	2.341	0.519	19.63	402.897	BM
3	10.16	ClO3	3.802	0.984	37.26	821.585	M
4	10.98	n.a.	0.047	0.013	0.48	n.a.	MB
Total:			15.174	2.642	100.00	2029.795	

37 STOP

Sample Name:	**STOP**	*Injection Volume:*	**1000.0**
Vial Number:	**315**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**stop program**	*Bandwidth:*	**n.a.**
Quantif. Method:	**DBP-Method**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 23:01**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**



n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

Dilutions required for group 169580

GROUP#	SAMPLE#	SAMPLE ID	PARAMETER	RESULT	DILUTION	REASON
169580	2603140436	TR-10A	CL9056	120	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO29056	ND	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO39056	0.73	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	SO49056	953	20	Result above calibration range
169580	2603140436	TR-10A	CRVI7199	57	2	Result above calibration range
169580	2603140436	TR-10A	CLO3	9220	20	Result above calibration range
169580	2603140436	TR-10A	CLO4	860	50	Result above calibration range
169580	2603140436	TR-10A	B6010	1.4	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	CA6010	140	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	FE6010	2.8	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	K6010	15	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	MG6010	54	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	NA6010	300	2	Result above calibration range but less than linear range check
169580	2603140436	TR-10A	AL-MS620	2000	5	Result above calibration range

Reagent Documentation

Reagent: Potassium Chloride Saturated Sol'n
Date Received: 27 Jan 03
Date Expired: 28 Feb 06
Manufacturer: VWR
Storage Condition: ambient

Reagent #: 200610
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: 2063

Component	Comment	Standard	Concentration

Comment:

Reagent: MWH Montech LCS
Date Received: 27 Jan 03
Date Expired: 23 Apr 03
Manufacturer: CPI
Storage Condition: ambient

Reagent #: 200611
By: LMR
Matrix: aq
Amount: 2 x 500 ml
Lot #: 3AT109

Component	Comment	Standard	Concentration
	conc:		
	Alkalinity - 100 mg/L (CO_3)		
	Fluoride - 1 mg/L		
	Conductivity - 1000 µhos/cm (0.07 M KCl)		

Comment:

Reagent: ~~Potassium Perchlorate~~ Potassium Perchlorate
Date Received: 1999
Date Expired: —
Manufacturer: Sigma Chemical
Storage Condition: room temp

Reagent #: 200612
By: LMR
Matrix: solid
Amount: 100 g
Lot #: 96H0434

Component	Comment	Standard	Concentration
	CAS# 7778-74-7		

Comment: std has IC R# 300003. book has been lost/misplaced. Standard given wetchem log # for tracking

Reagent Documentation

Reagent: Ionic Strength Adjustor
Date Received: 12 Jan 05
Date Expired: Jan '06
Manufacturer: Orion
Storage Condition: roomtemp

Reagent #: 201066
By: LMR
Matrix: aq
Amount: 1 pint (475ml)
Lot #: 101

Component	Comment	Standard	Concentration
	Orion#940011		
	VWR # 34185-869		

Comment:

Reagent: Perchlorate Std - 1000ppm
Date Received: 18 Jan 05
Date Expired: May 2007
Manufacturer: Ultra Scientific
Storage Condition: refrigerate 4°±2°C

Reagent #: 201067
By: LMR
Matrix: aq
Amount: 100ml
Lot #: E00031

Component	Comment	Standard	Concentration
	Cat # ICC-013		

Comment:

Reagent: Imidazole
Date Received: 19 Jan 05 / 12 Apr 05
Date Expired: Jan '~~05~~ '10
Manufacturer: J.T. Baker
Storage Condition: room temp

Reagent #: 201068
By: LMR
Matrix: solid
Amount: 100g/100g
Lot #: A09635

Component	Comment	Standard	Concentration
	VWR # JTN811-5		

Comment:

Scan Prep Sheet

Lab Batch No. (Filename): INIC 032206 BrS

Analysis Date (start date): 3-22-06

LAB TEST TYPE (Method reference): 314

NOTES:

Perchlorate QC Checklist

Analysis Date: 3-22-06 **Analyst:** BXS rev: 27 Mar 03

Instrument: IC #4 **QC'd by** _____ **Date** _____

Calculated MCT Level: 6342 umhos/cm

Original IPC conductance: 6300 umhos/cm **Daily IPC conductance:** 6300 umhos/cm

Calibration including QCS

✓ QCS (20ppb) recovery is within 90% - 110% (18-22ppb) to verify that the calibration curve (minimum 5 points) still holds.

✓ Calibration curve is reanalyzed if QCS fails. Correlation Coefficient is 0.995 or better.

Initial QC Check Samples (MBLANK, MRL, ICCSCV, IPC) to be analyzed with every batch (up to 20 samples) or part thereof

✓ MLBANK is analyzed before samples. Perchlorate, if present, is < or = half of the MRL.

NA *L-ClO4 only:* ICCSCV at 2ppb is within 50%-150% (1-3ppb)

✓ *ClO4 only:* MRL at 4ppb is within 75%-125% (3-5ppb)

PDA/H = 7.8

✓ IPC (25ppb) recovery is between 80%-120% (20-30ppb)

✓ IPC retention time is within 5% of the retention time of the standards

✓ IPC Conductance level is within 10% of the original

LCS/LCSD (25ppb)

✓ Recoveries are between 90%-110% (22.5 – 27.5ppb)

✓ One pair is analyzed per batch (up to 20 samples) or part thereof

MS/MSD (25ppb) NOTE: For UCMR, MS/MSD concentrations alternate between 4ppb and 25ppb

✓ Recoveries are within 80%-120% (20-30ppb) for 25ppb spike ____ (3.2-4.8ppb) for 4ppb spike

✓ One pair is analyzed per batch (up to 20 samples) or part thereof

✓ RPD between MS and MSD is within 15%.

Continuing Calibration Verification (MCV, HCV) NOTE: For UCMR ECV and MCV are required

✓ Verification Checks alternate between mid- and high-level during the analysis (low- and mid-level for UCMR)

✓ MCV (25ppb) recovery is between 85%-115% (21.25 – 28.75ppb)

✓ HCV (100ppb) recovery is between 85%-115% (85-115ppb) ___ECV (4ppb) recovery is between 75%-125% (3.0-5.0)

Pretreat and include the following QC parameters for any batch or part thereof containing samples requiring pretreatment

NA One Laboratory Reagent Blank (LRB). Perchlorate is < or = half of MRL.

NA One pair of Laboratory Control Samples (LCS/LCSD). Recovery of perchlorate is between 85%-115%.

NA One Pair of Laboratory Fortified Matrices (MS/MSD). Recoveries are between 80%-120%

Samples

✓ All samples are analyzed within 28 days of collection.

✓ All samples are analyzed within MCT Conductance limit.

QIR

NA QIR needed for failed QC

NA QIR needed for samples analyzed outside of hold time

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

CONDUCTIVITY MW SOP REVISION 5
SM2510B

Analysis Date: 3-22-06
Analyst: SAR
Reviewed By:
LIMS Check By:

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)

Time of Analyis Start: End:
MRL 2umhos/cm: R# exp of solution:
KCl Std 1412 R# exp of solution
TV = 1412 µmho/cm @ 25°C for 0.0100M
Reading: 1421
Instrument: YSI Model 3200 SN:01A0504, Year Aquired 2001 New

Run #	Sample Number	Sample ID	Client	Date Collected	Temp °C	pH	Scale (µmho/mmho)	Result: Instrument	Result: Reported (µmho/cm)	Comments
Blk	Blank				21		US	0.5835	ND	
STD	MRL 2umhos/cm							2.318	2.318	1-3----±50% of TV
STD	KCl - 1000 mhos/cm							995	995	950-1050----±5% of TV
1	2603140436							2002	2000	
2	2603150034							314	314	
3	2603140582							960	960	
4	2603150119							3.281	3.3	
5	120							1249	1250	
6	372							1138	1140	
7	2603160101							999	999	
8	381							838	838	
9	62							834	834	
10	383							841	841	
DUP	↓							840	840	RPD < 5%
11	84							789	749	
12	2603130115							437	437	
13	16							428	428	
14	17							421	421	
15	2603170004							501	501	
16	06							1418	1420	
17	19						MS	38.16	38200	
18	169							17.79	17800	
19	170							10.03	10000	
20										
DUP							MS	10.01	10000	RPD < 5%
STD	KCl - 10 mhos/cm						VS	9.980	10.0	8-12----RPD < 20% of TV

% RPD = |S1-S2| * 100 / (S1+S2)/2

S1 = reading of 1st sample
S2 = reading of 2nd sample

SUMMARY SHEET

File ID: 032206pc
Date Started: 03/20/06
Analyst ID: bxs

SAMPLE ID

autocal1	(13:15)	autocal2	(13:32)	autocal3	(13:49)
autocal4	(14:06)	autocal5	(14:23)	autocal6	(14:40)
autocal7	(14:57)	2603140436	(13:57)	2603140436_1	(14:14)
2603150034	(14:31)	2603140582	(15:22)	2603150119	(15:39)
2603150120	(15:56)	2603150372	(16:13)	2603160101_1	(16:30)
2603160381	(16:47)	2603160382	(17:04)	2603160383	(17:38)
2603160384	(17:55)	2603130115	(18:12)	2603130116	(18:29)
2603130117	(18:46)	2603170004	(19:03)	2603170006	(19:20)
2603170019_1	(19:37)	2603170169_1	(19:54)	2603170170_1	(20:11)
	()				

COMMENT:

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_____

Analyst: _____ Approved By: _____

File ID: 032206pc RUN - LOG

Sample ID	Date	Time	Dil
autocal1	03/20/06	13:15	1
autocal2	03/20/06	13:32	1
autocal3	03/20/06	13:49	1
autocal4	03/20/06	14:06	1
autocal5	03/20/06	14:23	1
autocal6	03/20/06	14:40	1
autocal7	03/20/06	14:57	1
QCSCV	03/22/06	11:58	1
IPCCV	03/22/06	12:15	1
MBLANK	03/22/06	12:32	1
MRL-2	03/22/06	12:49	1
MRL	03/22/06	13:06	1
LCS	03/22/06	13:23	1
LCSD	03/22/06	13:40	1
2603140436	03/22/06	13:57	1
2603140436_1/50	03/22/06	14:14	50
2603150034	03/22/06	14:31	1
2603150034MS	03/22/06	14:48	1
2603150034MSD	03/22/06	15:05	1
2603140582	03/22/06	15:22	1
2603150119	03/22/06	15:39	1
2603150120	03/22/06	15:56	1
2603150372	03/22/06	16:13	1
2603160101_1/2	03/22/06	16:30	2
2603160381	03/22/06	16:47	1
2603160382	03/22/06	17:04	1
CCV	03/22/06	17:21	1
2603160383	03/22/06	17:38	1
2603160384	03/22/06	17:55	1
2603130115	03/22/06	18:12	1
2603130116	03/22/06	18:29	1
2603130117	03/22/06	18:46	1
2603170004	03/22/06	19:03	1
2603170006	03/22/06	19:20	1
2603170019_1/50000	03/22/06	19:37	50000
2603170169_1/50000	03/22/06	19:54	50000
2603170170_1/50000	03/22/06	20:11	50000
HCV	03/22/06	20:28	1
			0

BATCH NUMBER for 032206pc

Test Parameter:

CLO4

Batch ID: 2603150034

2603140436	2603140436_1/50	2603150034
2603140582	2603150119	2603150120
2603150372	2603160101_1/2	2603160381
2603160382	2603160383	2603160384
2603130115	2603130116	2603130117
2603170004	2603170006	2603170019_1/50000
2603170169_1/50000	2603170170_1/50000	

File ID: 032206pc

CLO4

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
autocal1	03/20/06	13:15	1	0	ND		
autocal2	03/20/06	13:32	1	2.2538	ND		
autocal3	03/20/06	13:49	1	4.0434	4.0		
autocal4	03/20/06	14:06	1	10.113	10		
autocal5	03/20/06	14:23	1	24.026	24		
autocal6	03/20/06	14:40	1	49.518	50		
autocal7	03/20/06	14:57	1	100.46	100		
QCSCV	03/22/06	11:58	1	20.113	20.1	90-110	100%
IPCCV	03/22/06	12:15	1	24.263	24.3	85-115	
MBLANK	03/22/06	12:32	1	0	ND	80-120	97.0%
MRL-2	03/22/06	12:49	1	2.1387	ND	75-125	53.4% Q
MRL	03/22/06	13:06	1	4.2054	4.21	75-125	105%
LCS	03/22/06	13:23	1	25.113	25.1	90-110	100%
LCSD	03/22/06	13:40	1	24.077	24.1	90-110	96.3%
2603140436	03/22/06	13:57	1	1134.9	1100		
2603140436_1/50	03/22/06	14:14	50	855.09	860		
2603150034	03/22/06	14:31	1	0	ND		
2603150034MS	03/22/06	14:48	1	25.175	25.2	[25.175]	100%
2603150034MSD	03/22/06	15:05	1	25.564	25.6	[25.564]	102%
2603150034T	03/22/06	15:05	1		25.00	80 - 120	
2603140582	03/22/06	15:22	1	0	ND		
2603150119	03/22/06	15:39	1	0	ND		
2603150120	03/22/06	15:56	1	3.7070	ND		
2603150372	03/22/06	16:13	1	0	ND		
2603160101_1/2	03/22/06	16:30	2	0	ND		
2603160381	03/22/06	16:47	1	9.2237	9.2		
2603160382	03/22/06	17:04	1	9.7052	9.7		
CCV	03/22/06	17:21	1	25.672	25.7	85-115	102%
2603160383	03/22/06	17:38	1	8.7187	8.7		
2603160384	03/22/06	17:55	1	3.8036	ND		
2603130115	03/22/06	18:12	1	0	ND		
2603130116	03/22/06	18:29	1	3.2434	ND		
2603130117	03/22/06	18:46	1	3.2594	ND		
2603170004	03/22/06	19:03	1	0	ND		
2603170006	03/22/06	19:20	1	0	ND		
2603170019_1/50000	03/22/06	19:37	50000	395412	3954126		
2603170169_1/50000	03/22/06	19:54	50000	152524	1525241		
2603170170_1/50000	03/22/06	20:11	50000	179640	1796402		
HCV	03/22/06	20:28	1	103.93	104	85-115	103%
			0	N/A	ND		

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Landscape Summary File ID: 032206pc Date: 03/20/06 Analyst: b

Sample ID	Time	CLO4
autocal1	13:15	0.0000
autocal2	13:32	2.254
autocal3	13:49	4.043
autocal4	14:06	10.11
autocal5	14:23	24.03
autocal6	14:40	49.52
autocal7	14:57	100.5
QCSCV	11:58	20.1
IPCCV	12:15	24.3
MBLANK	12:32	0.0000
MRL-2	12:49	2.14
MRL	13:06	4.21
LCS	13:23	25.1
LCSD	13:40	24.1
2603140436	13:57	%1134.9
2603140436_1/50	14:14	855.1
2603150034	14:31	0.0000
2603150034MS	14:48	25.18
2603150034MSD	15:05	25.56
2603140582	15:22	0.0000
2603150119	15:39	0.0000
2603150120	15:56	3.707
2603150372	16:13	0.0000
2603160101_1/2	16:30	0.0000
2603160381	16:47	9.224
2603160382	17:04	9.705
CCV	17:21	25.7
2603160383	17:38	8.719
2603160384	17:55	3.804
2603130115	18:12	0.0000
2603130116	18:29	3.243
2603130117	18:46	3.259
2603170004	19:03	0.0000
2603170006	19:20	0.0000
2603170019_1/50000	19:37	%3954126.0
2603170169_1/50000	19:54	%1525241.0
2603170170_1/50000	20:11	%1796402.0
HCV	20:28	104
		N/A

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Landscape Summary File ID: 032206pc Date: 03/20/06 Analyst: b

Sample ID	Time	CLO4
autocal1	13:15	0.0000
autocal2	13:32	2.254
autocal3	13:49	4.043
autocal4	14:06	10.11
autocal5	14:23	24.03
autocal6	14:40	49.52
autocal7	14:57	100.5
QCSCV	11:58	20.1
IPCCV	12:15	24.3
MBLANK	12:32	0.0000
MRL-2	12:49	2.14
MRL	13:06	4.21
LCS	13:23	25.1
LCSD	13:40	24.1
2603140436	13:57	%1134.9
2603140436_1/50	14:14	855.1
2603150034	14:31	0.0000
2603150034MS	14:48	25.18
2603150034MSD	15:05	25.56
2603140582	15:22	0.0000
2603150119	15:39	0.0000
2603150120	15:56	3.707
2603150372	16:13	0.0000
2603160101_1/2	16:30	0.0000
2603160381	16:47	9.224
2603160382	17:04	9.705
CCV	17:21	25.7
2603160383	17:38	8.719
2603160384	17:55	3.804
2603130115	18:12	0.0000
2603130116	18:29	3.243
2603130117	18:46	3.259
2603170004	19:03	0.0000
2603170006	19:20	0.0000
2603170019_1/50000	19:37	%3954126.0
2603170169_1/50000	19:54	%1525241.0
2603170170_1/50000	20:11	%1796402.0
HCV	20:28	104
		N/A

Title: Perchlorate by EPA 314.1
Datasource: IC-SERVER_local
Location: 2006\2006\Mar
Timebase: IC4
#Samples: 39

Created: 3/22/2006 11:54:01 AM by bxs
Last Update: 3/22/2006 3:59:51 PM by bxs

No.	Name	Dil. Factor	Program	Method	Status
1	autocal1	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
2	autocal2	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
3	autocal3	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
4	autocal4	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
5	autocal5	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
6	autocal6	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
7	autocal7	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
8	QCSCV	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
9	IPCCV	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
10	MBLANK	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
11	MRL-2	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
12	MRL	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
13	LCS	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
14	LCSD	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
15	2603140436	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
16	2603140436_1/50	50.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
17	2603150034	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
18	2603150034MS	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
19	2603150034MSD	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
20	2603140582	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
21	2603150119	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
22	2603150120	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
23	2603150372	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
24	2603160101_1/2	2.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
25	2603160381	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
26	2603160382	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
27	CCV	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
28	2603160383	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
29	2603160384	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
30	2603130115	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
31	2603130116	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
32	2603130117	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
33	2603170004	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
34	2603170006	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
35	2603170019_1/50000	50000.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
36	2603170169_1/50000	50000.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
37	2603170170_1/50000	50000.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
38	HCV	1.0000	IC4-CLO4 PROGRAM	IC#4-CLO4-LOW	Finished
39	STOP	1.0000	STOP PROGRAM IC#4	IC#4-CLO4-LOW	Finished

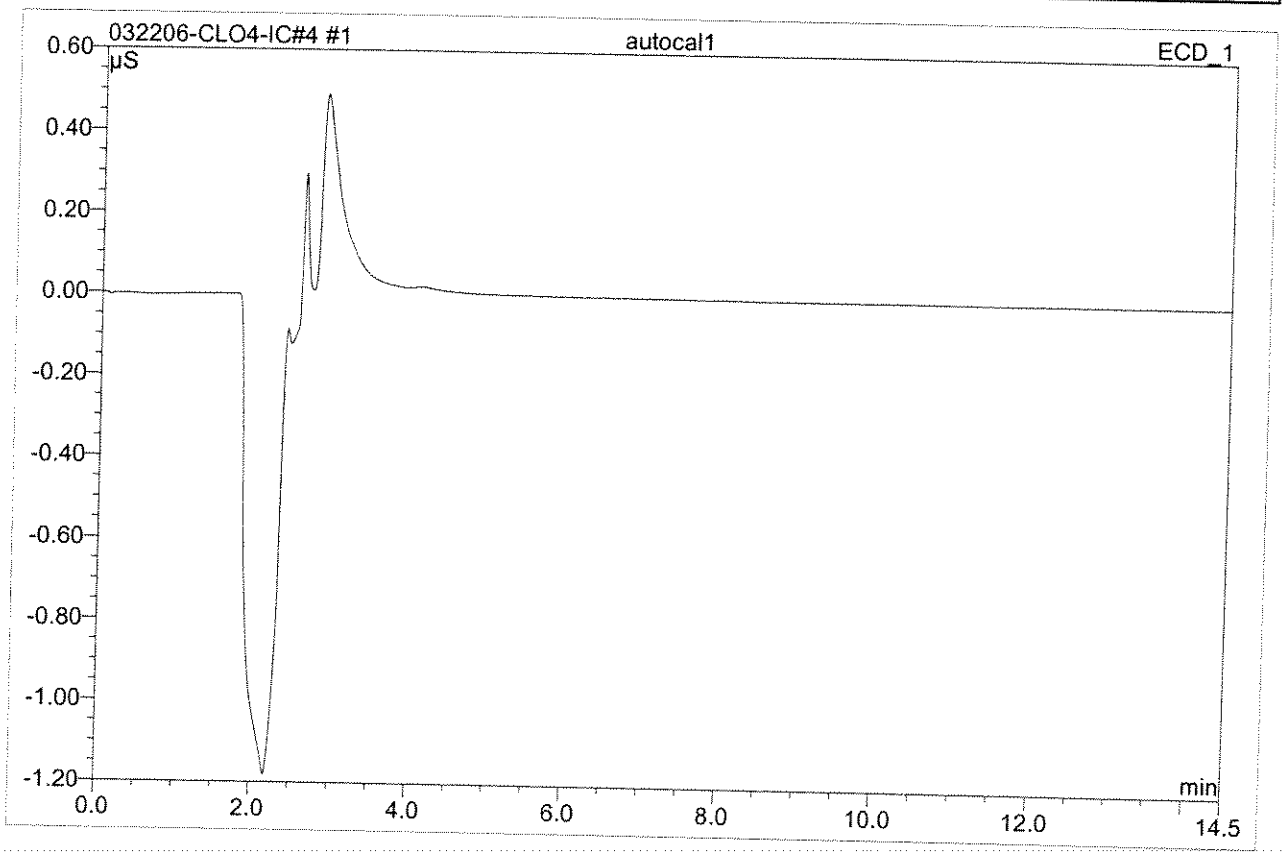
Title: Perchlorate by EPA 314.1
Datasource: IC-SERVER_local
Location: 2006\2006\Mar
Timebase: IC4
#Samples: 39

Created: 3/22/2006 11:54:01 AM by bxs
Last Update: 3/22/2006 3:59:51 PM by bxs

No.	Name	Inj. Date/Time	Comment	*Analyst	*operator
1	autocal1	3/20/2006 1:15:45 PM		BXS	
2	autocal2	3/20/2006 1:32:46 PM	BXS-1	BXS	
3	autocal3	3/20/2006 1:49:48 PM	BXS-2	BXS	
4	autocal4	3/20/2006 2:06:49 PM	BXS-3	BXS	
5	autocal5	3/20/2006 2:23:51 PM	BXS-4	BXS	
6	autocal6	3/20/2006 2:40:52 PM	BXS-5	BXS	
7	autocal7	3/20/2006 2:57:54 PM	BXS-6	BXS	
8	QCSCV	3/22/2006 11:58:13 AM	BXS-7	BXS	
9	IPCCV	3/22/2006 12:15:13 PM	BXS-8	BXS	
10	MBLANK	3/22/2006 12:32:14 PM		BXS	
11	MRL-2	3/22/2006 12:49:16 PM	BXS-1	BXS	
12	MRL	3/22/2006 1:06:17 PM	BXS-2	BXS	
13	LCS	3/22/2006 1:23:18 PM	BXS-4	BXS	
14	LCSD	3/22/2006 1:40:17 PM	BXS-4	BXS	
15	2603140436	3/22/2006 1:57:19 PM		BXS	
16	2603140436_1/50	3/22/2006 2:14:20 PM		BXS	
17	2603150034	3/22/2006 2:31:21 PM		BXS	
18	2603150034MS	3/22/2006 2:48:22 PM		BXS	
19	2603150034MSD	3/22/2006 3:05:23 PM		BXS	
20	2603140582	3/22/2006 3:22:24 PM		BXS	
21	2603150119	3/22/2006 3:39:25 PM		BXS	
22	2603150120	3/22/2006 3:56:26 PM		BXS	
23	2603150372	3/22/2006 4:13:27 PM		BXS	
24	2603160101_1/2	3/22/2006 4:30:28 PM		BXS	
25	2603160381	3/22/2006 4:47:30 PM		BXS	
26	2603160382	3/22/2006 5:04:31 PM		BXS	
27	CCV	3/22/2006 5:21:32 PM	BXS-4	BXS	
28	2603160383	3/22/2006 5:38:33 PM		BXS	
29	2603160384	3/22/2006 5:55:34 PM		BXS	
30	2603130115	3/22/2006 6:12:36 PM		BXS	
31	2603130116	3/22/2006 6:29:37 PM		BXS	
32	2603130117	3/22/2006 6:46:38 PM		BXS	
33	2603170004	3/22/2006 7:03:39 PM		BXS	
34	2603170006	3/22/2006 7:20:40 PM		BXS	
35	2603170019_1/50000	3/22/2006 7:37:41 PM		BXS	
36	2603170169_1/50000	3/22/2006 7:54:42 PM		BXS	
37	2603170170_1/50000	3/22/2006 8:11:43 PM		BXS	
38	HCV	3/22/2006 8:28:44 PM	BXS-6	BXS	
39	STOP	3/22/2006 8:45:46 PM			

1 autocal1

Sample Name:	**autocal1**	*Injection Volume:*	**1000.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 13:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

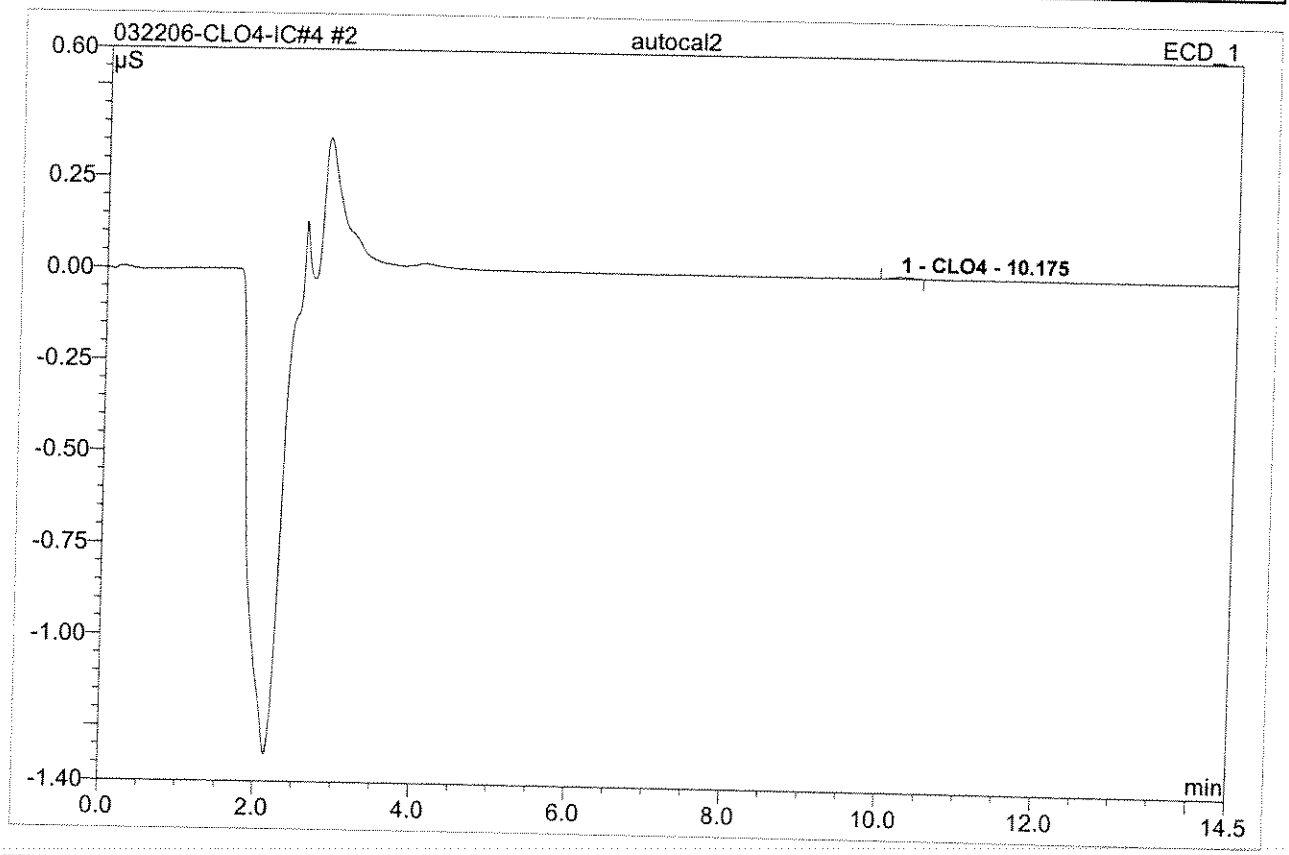


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 autocal2

BXS-1

Sample Name:	**autocal2**	*Injection Volume:*	**1000.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 13:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

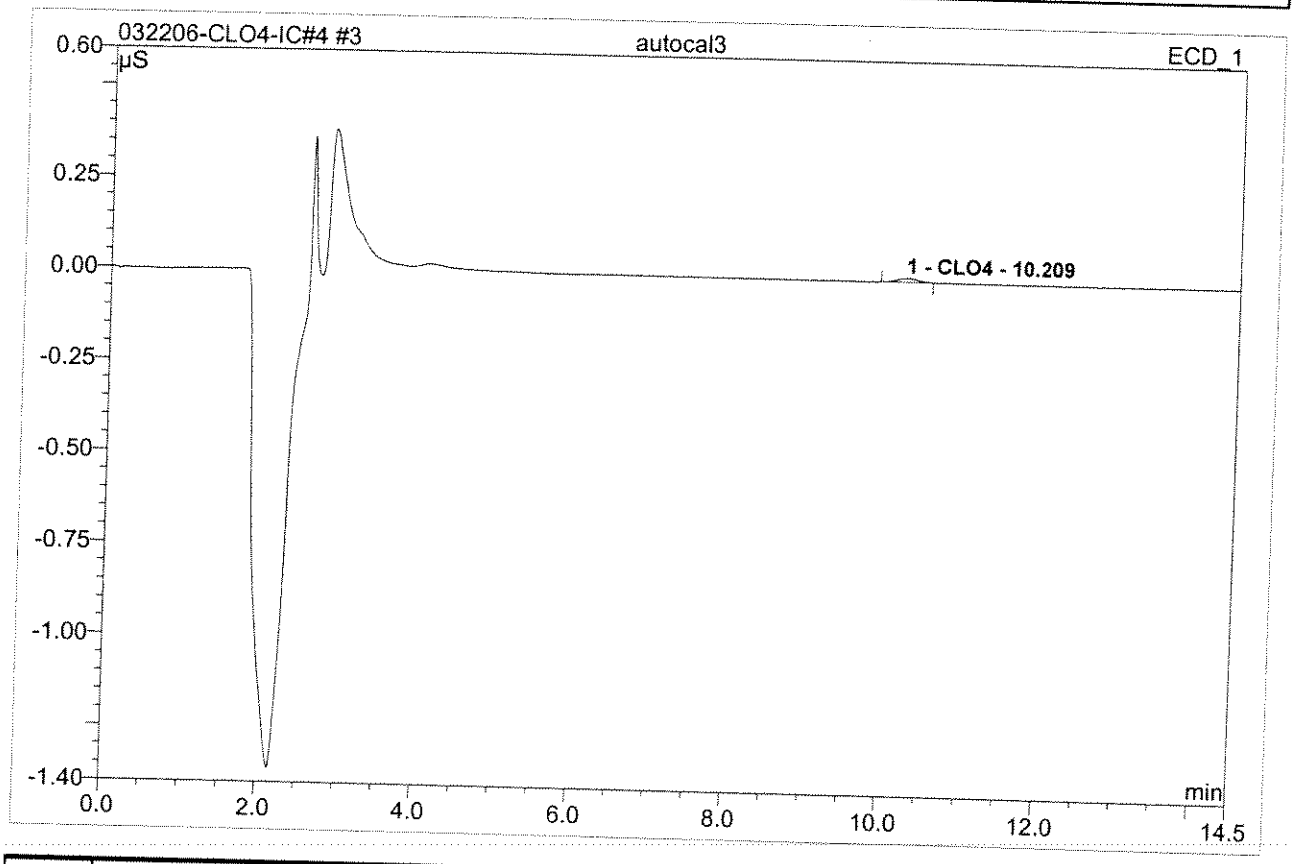


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.18	CLO4	0.006	0.002	100.00	2.254	BMB
Total:			0.006	0.002	100.00	2.254	

3 autocal3

BXS-2

Sample Name:	**autocal3**	*Injection Volume:*	**1000.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 13:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

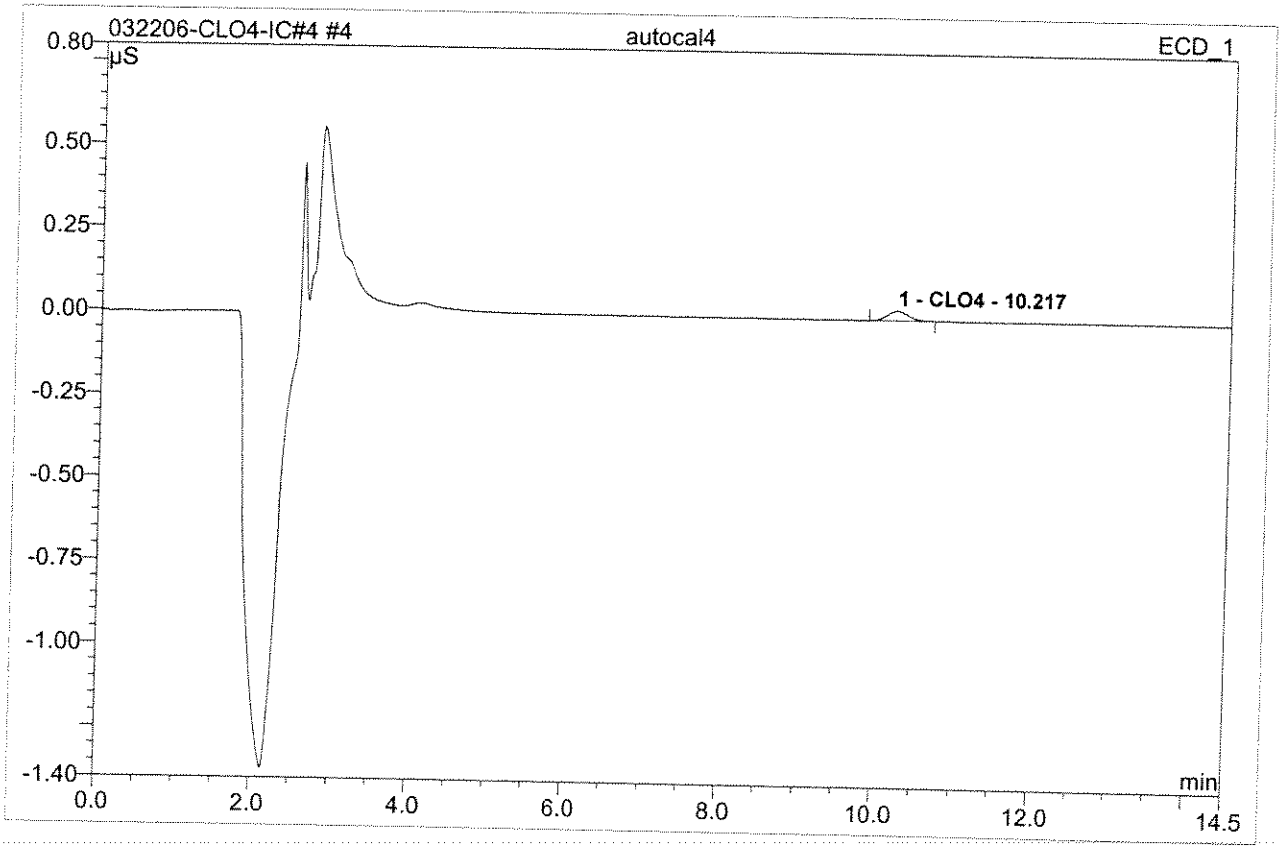


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.21	CLO4	0.011	0.003	100.00	4.043	BMB
Total:			0.011	0.003	100.00	4.043	

4 autocal4

BXS-3

Sample Name:	**autocal4**	*Injection Volume:*	**1000.0**
Vial Number:	**12**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 14:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

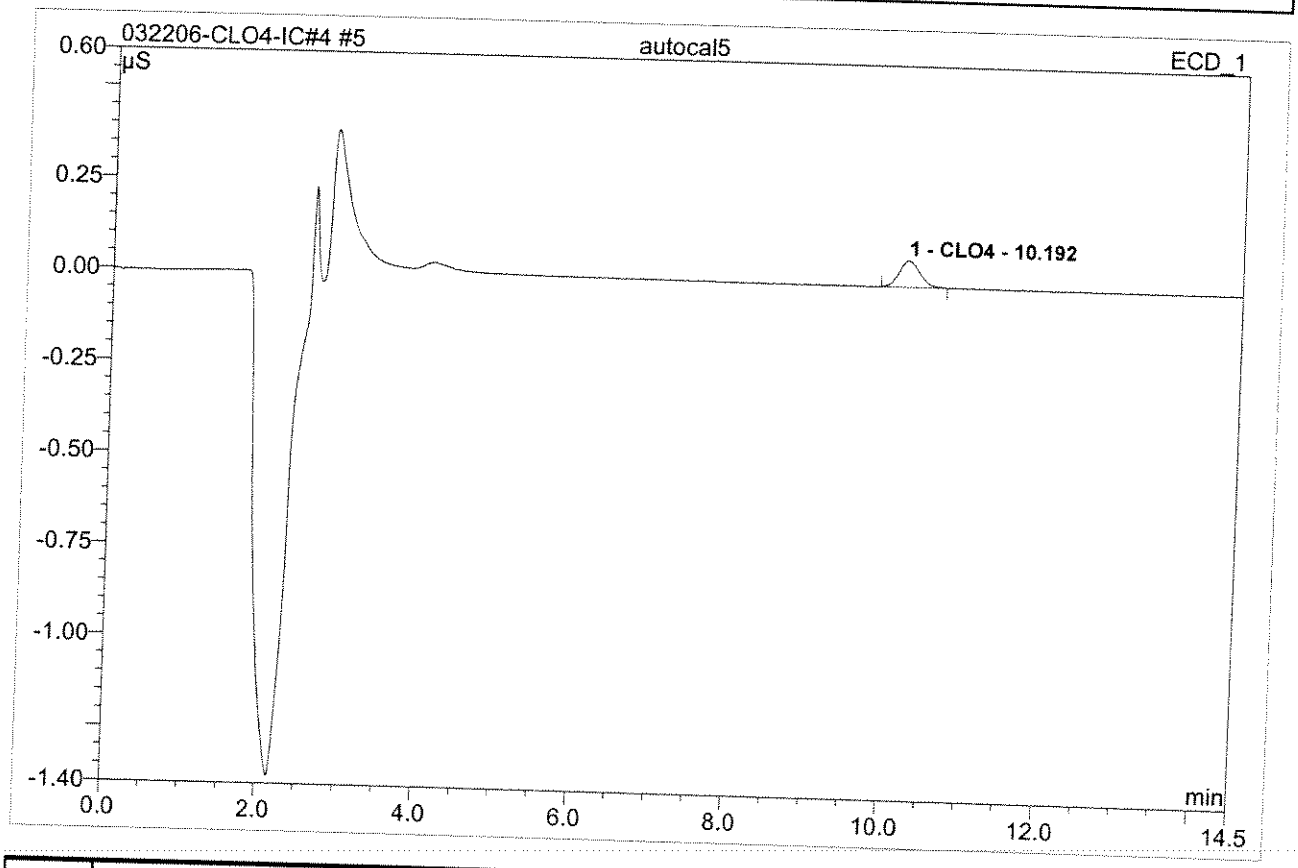


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.22	CLO4	0.030	0.009	100.00	10.114	BMB
Total:			0.030	0.009	100.00	10.114	

5 autocal5

BXS-4

Sample Name:	**autocal5**	*Injection Volume:*	**1000.0**
Vial Number:	**9**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 14:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

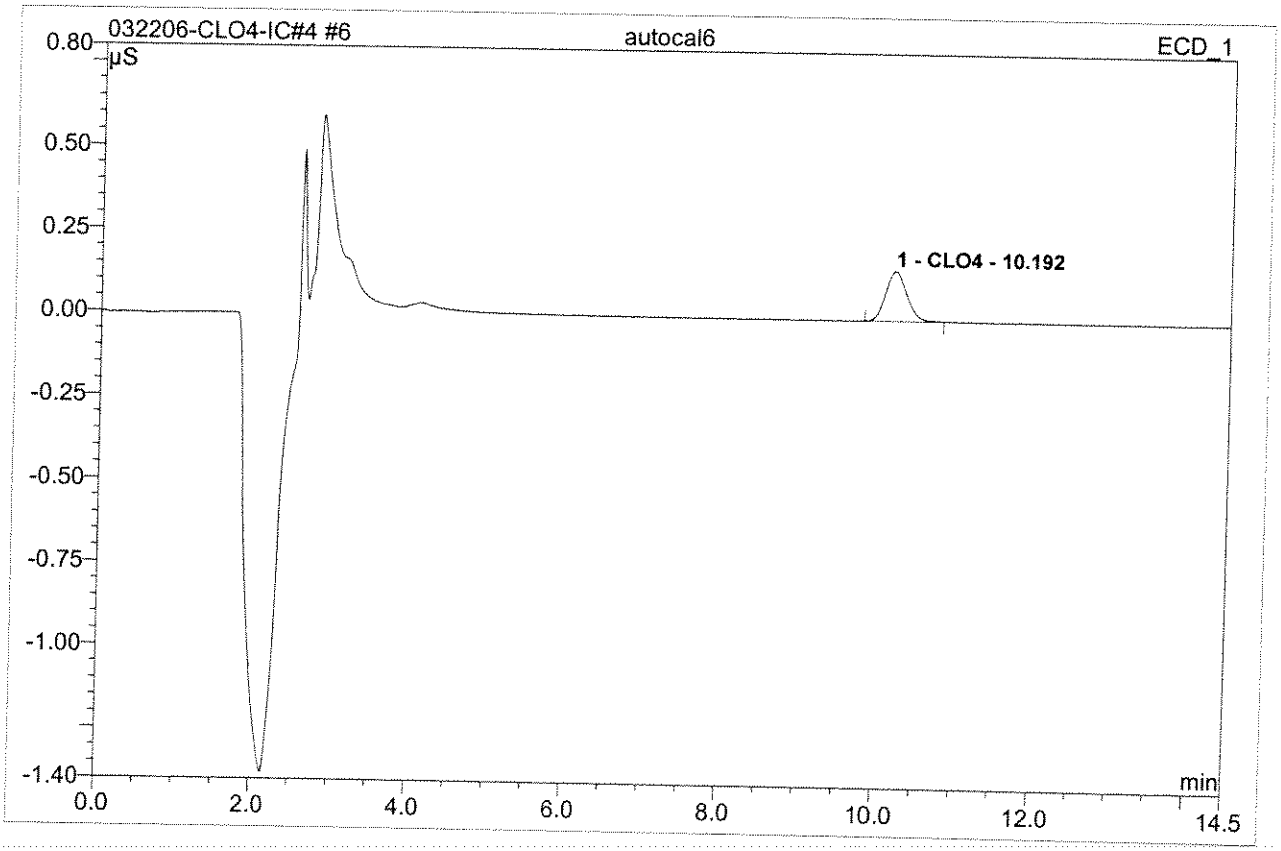


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.19	CLO4	0.073	0.023	100.00	24.027	BMB
Total:			0.073	0.023	100.00	24.027	

6 autocal6

BXS-5

Sample Name:	**autocal6**	*Injection Volume:*	**1000.0**
Vial Number:	**10**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 14:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

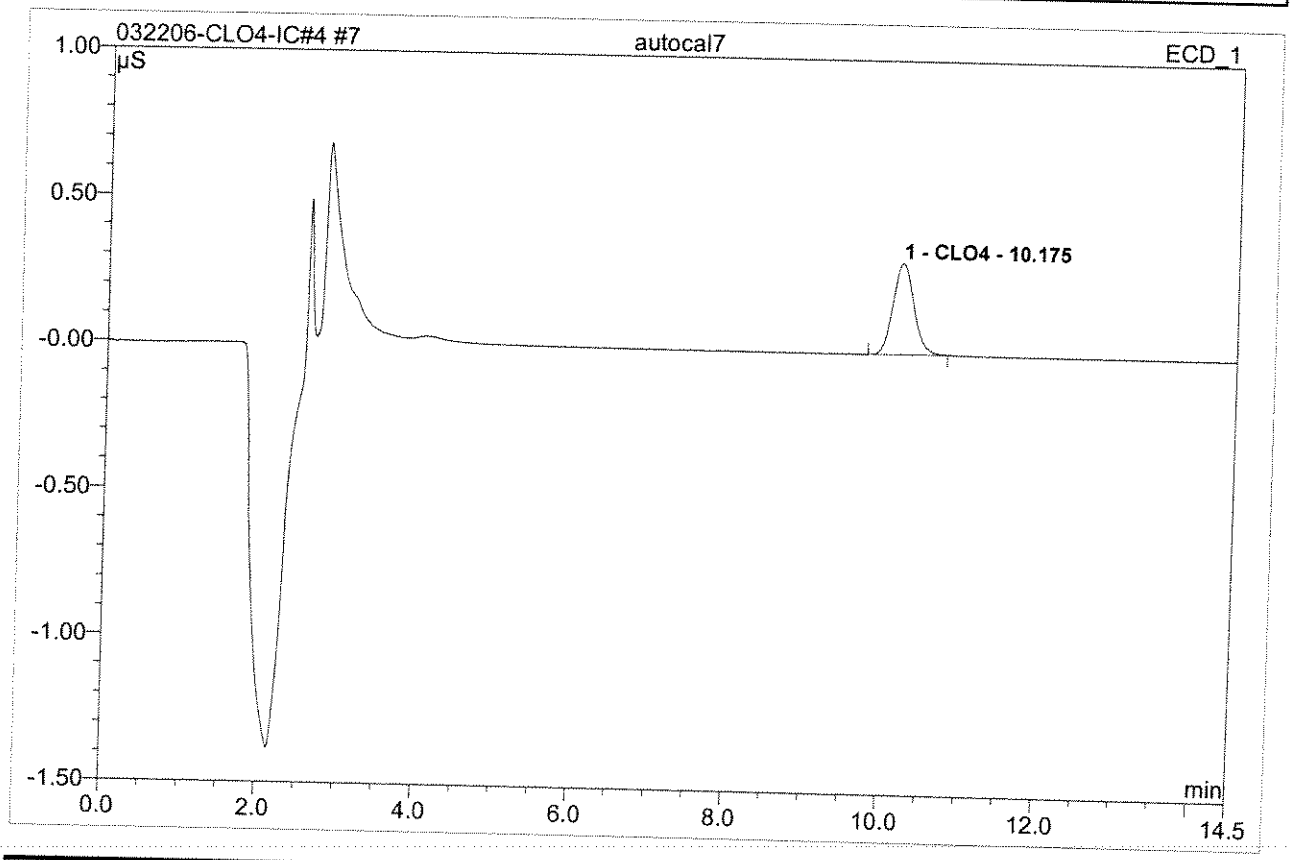


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.19	CLO4	0.150	0.048	100.00	49.519	BMB
Total:			0.150	0.048	100.00	49.519	

7 autocal7

BXS-6

Sample Name:	**autocal7**	*Injection Volume:*	**1000.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 14:57**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

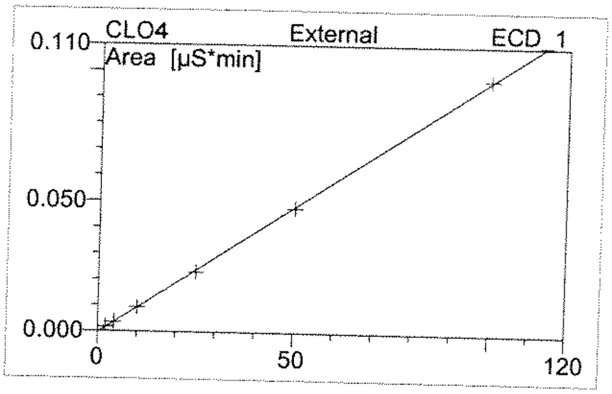


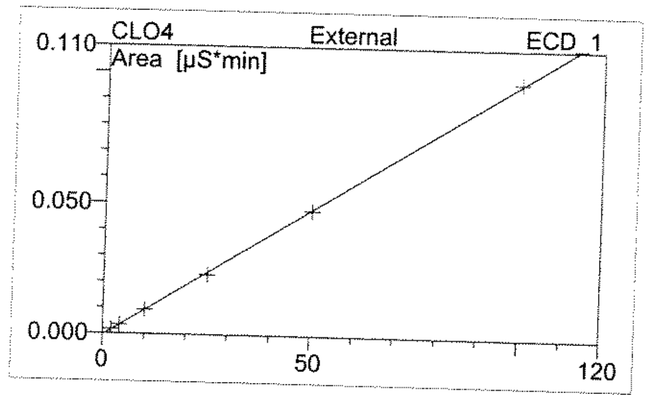
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.18	CLO4	0.311	0.097	100.00	100.466	BMB
Total:			0.311	0.097	100.00	100.466	

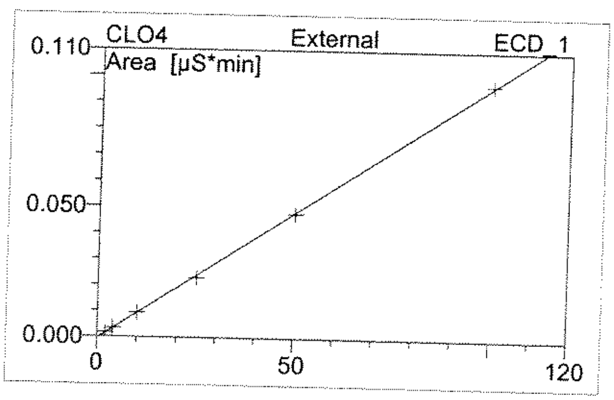
7 autocal7

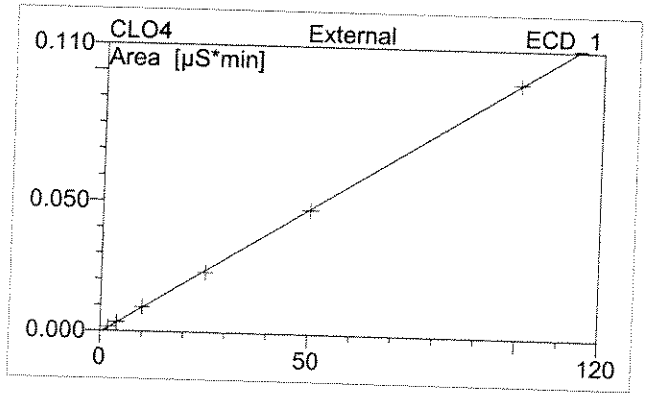
BXS-6

Sample Name:	**autocal7**	*Injection Volume:*	**1000.0**
Vial Number:	**11**	*Channel:*	**ECD_1**
Sample Type:	**standard**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/20/2006 14:57**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**







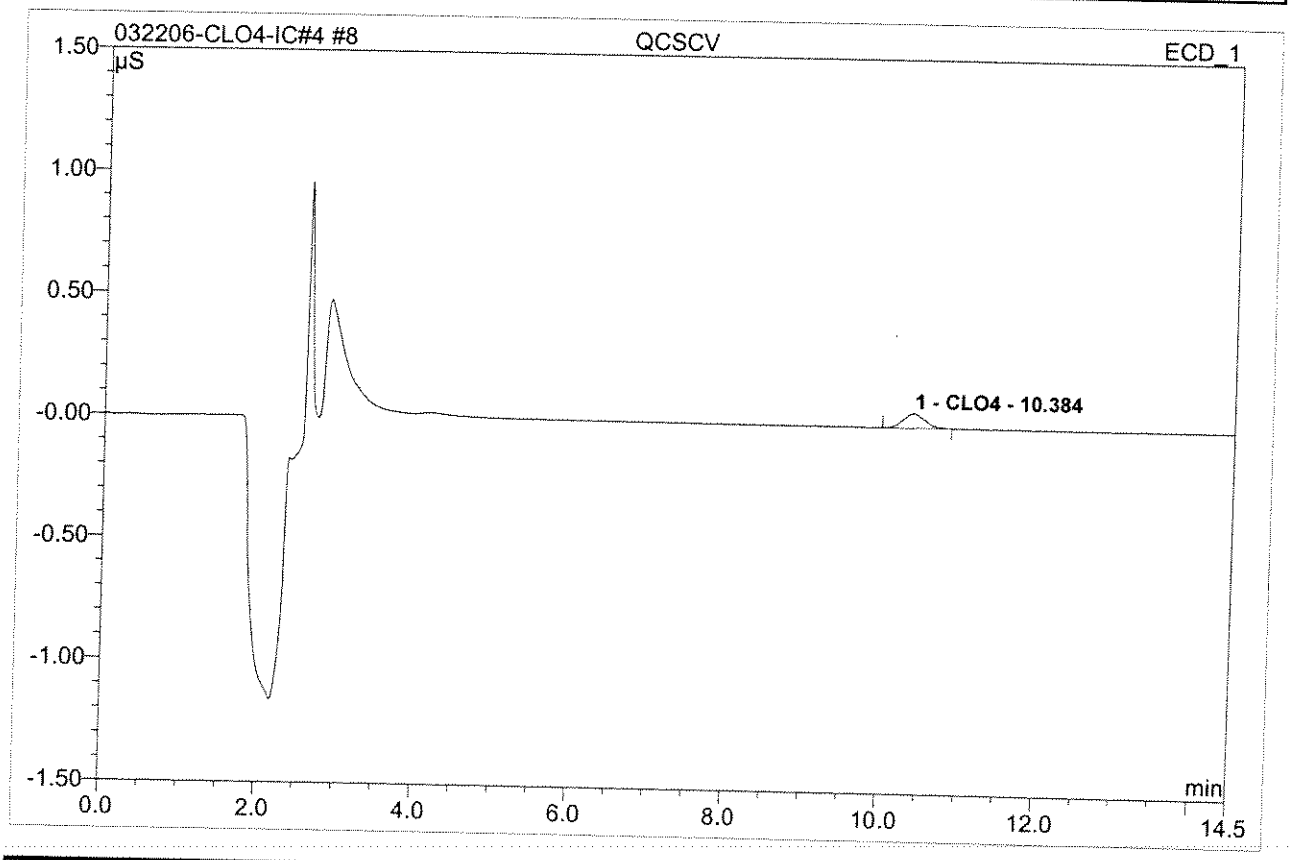


No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	10.18	CLO4	0LOff	6	99.9905	-0.0006	0.0010	0.0000
Average:					99.9905	-0.0006	0.0010	0.0000

8 QCSCV

BXS-7

Sample Name:	**QCSCV**	*Injection Volume:*	**1000.0**
Vial Number:	**23**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 11:58**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

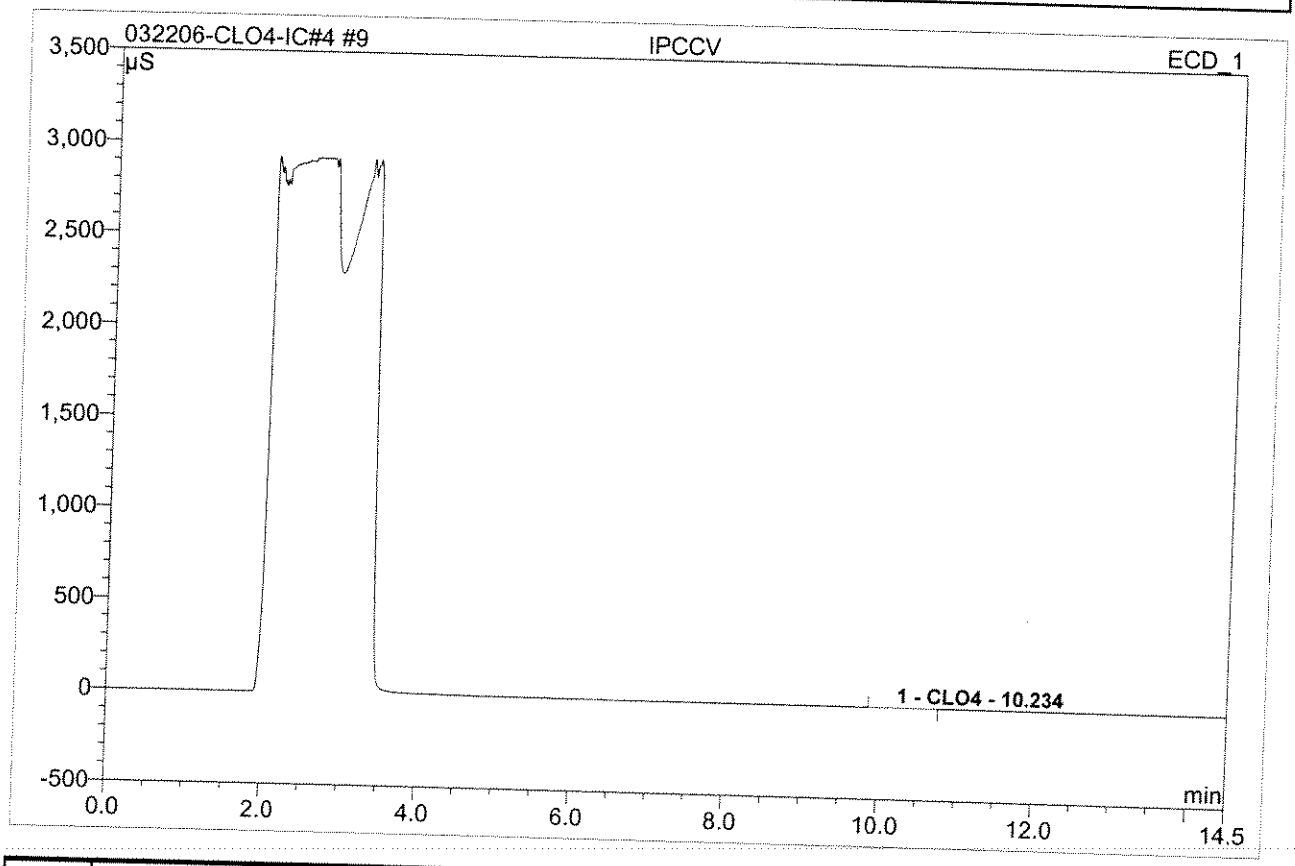


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.38	CLO4	0.059	0.019	100.00	20.114	BMB
Total:			0.059	0.019	100.00	20.114	

9 IPCCV

BXS-8

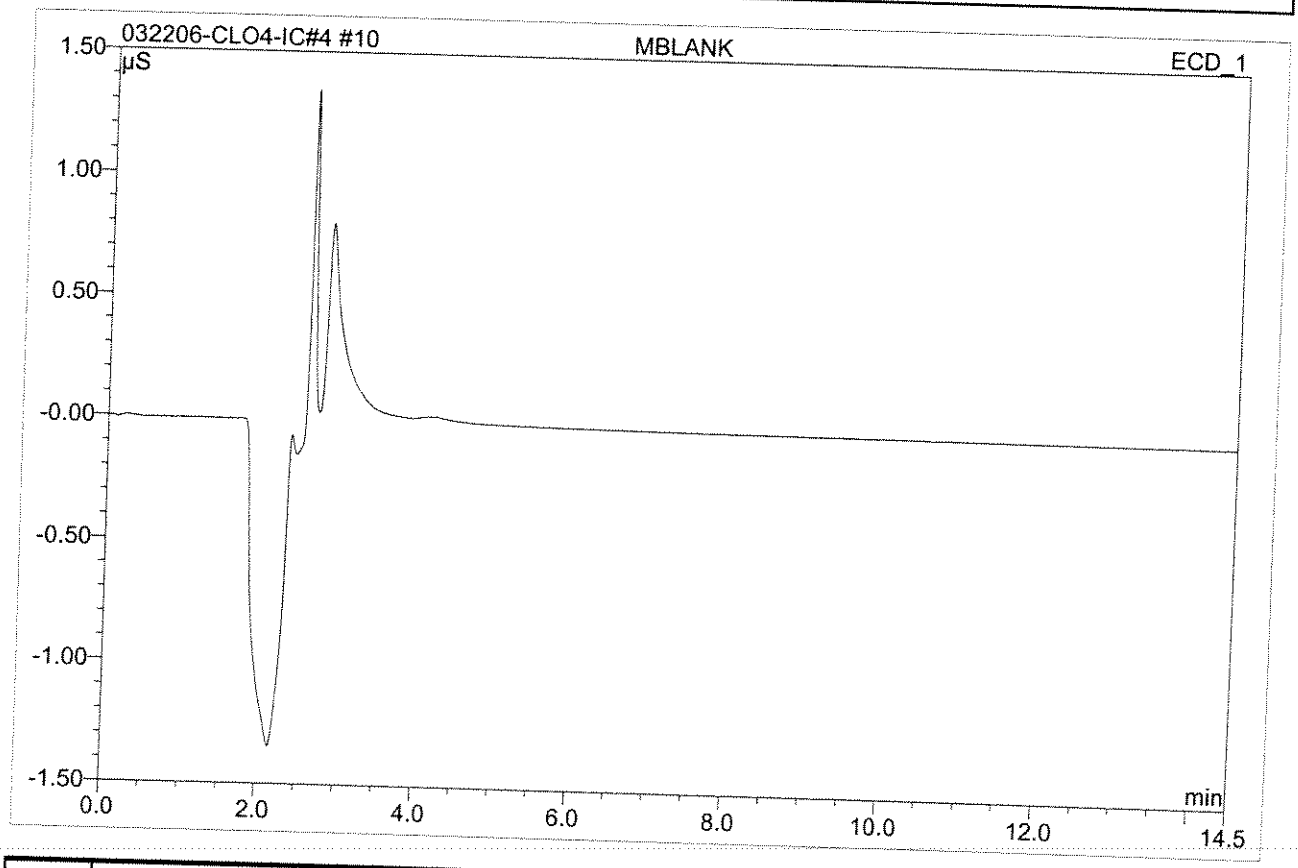
Sample Name:	**IPCCV**	*Injection Volume:*	**1000.0**
Vial Number:	**15**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 12:15**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.23	CLO4	0.067	0.023	100.00	24.263	BMB
Total:			0.067	0.023	100.00	24.263	

10 MBLANK

Sample Name:	**MBLANK**	*Injection Volume:*	**1000.0**
Vial Number:	**16**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 12:32**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

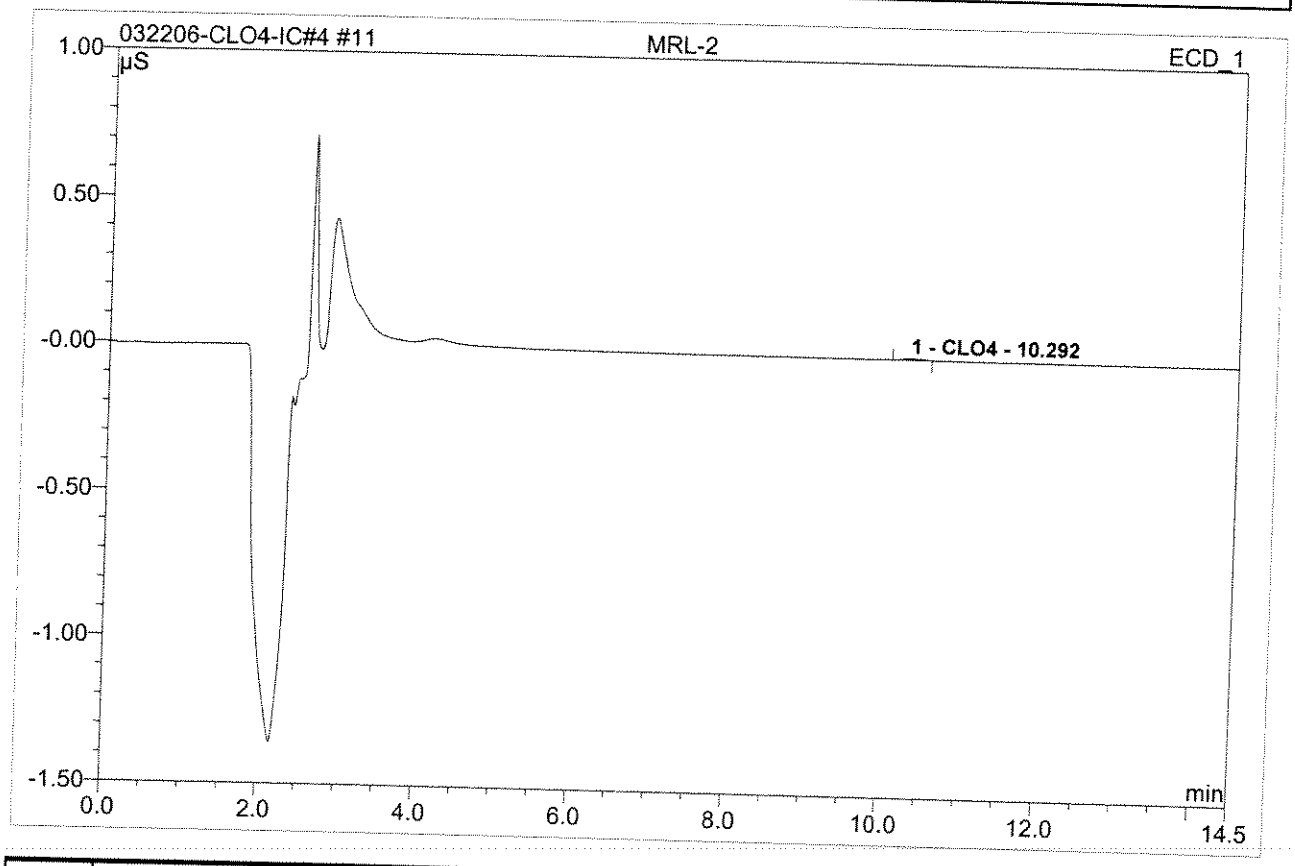


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

11 MRL-2

BXS-1

Sample Name:	**MRL-2**	*Injection Volume:*	**1000.0**
Vial Number:	**75**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 12:49**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

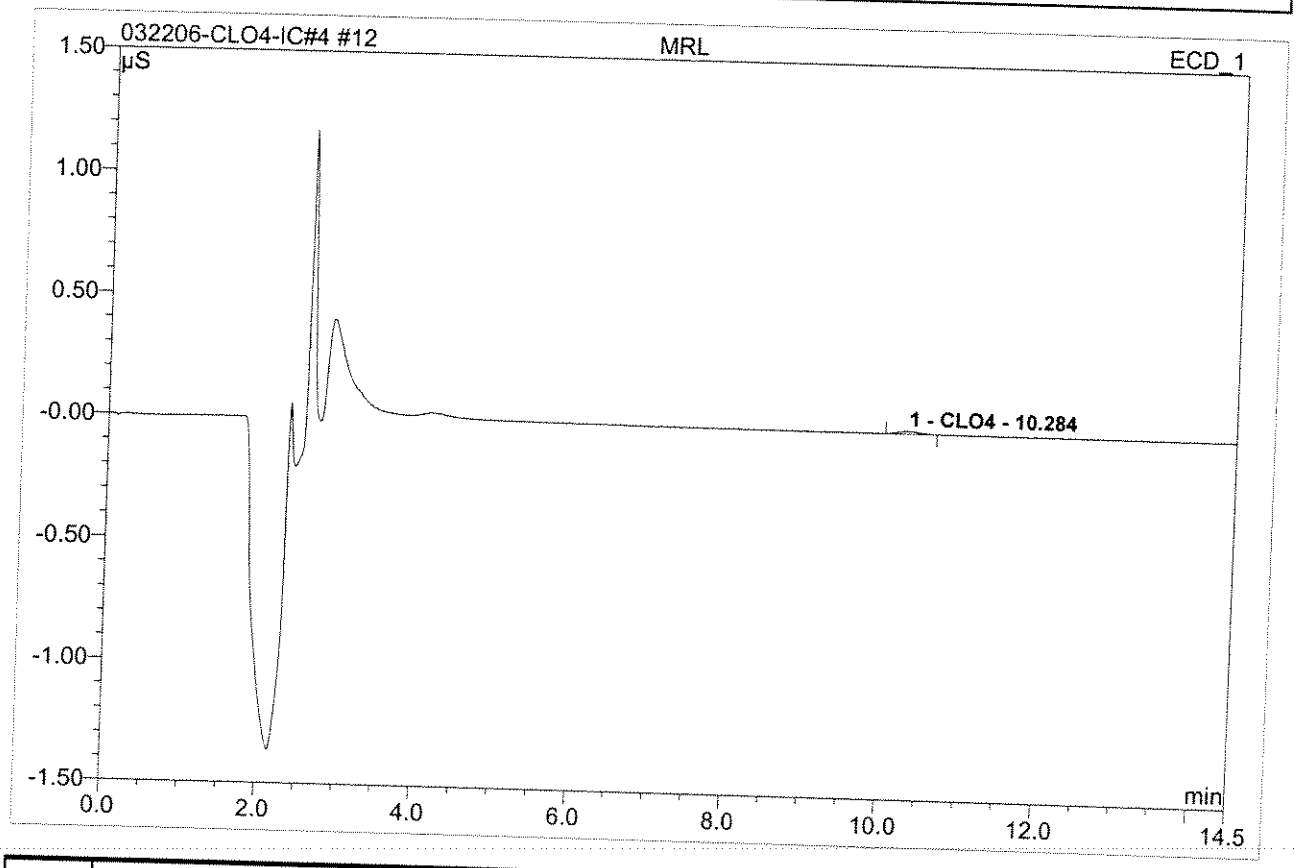


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.29	CLO4	0.006	0.002	100.00	2.139	BMB
Total:			0.006	0.002	100.00	2.139	

12 MRL

BXS-2

Sample Name:	**MRL**	*Injection Volume:*	**1000.0**
Vial Number:	**75**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 13:06**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

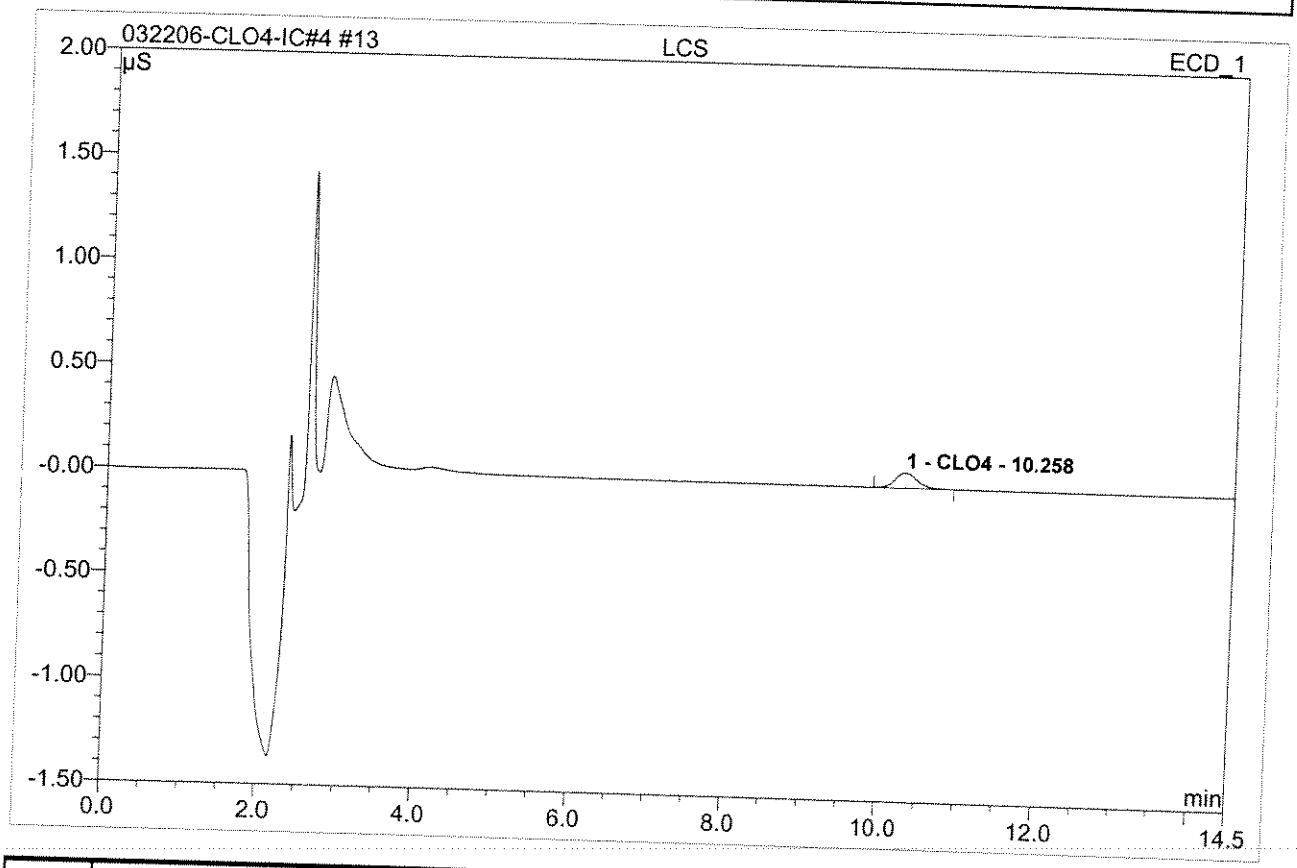


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.28	CLO4	0.011	0.004	100.00	4.205	BMB
Total:			0.011	0.004	100.00	4.205	

13 LCS

BXS-4

Sample Name:	**LCS**	*Injection Volume:*	**1000.0**
Vial Number:	**116**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 13:23**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

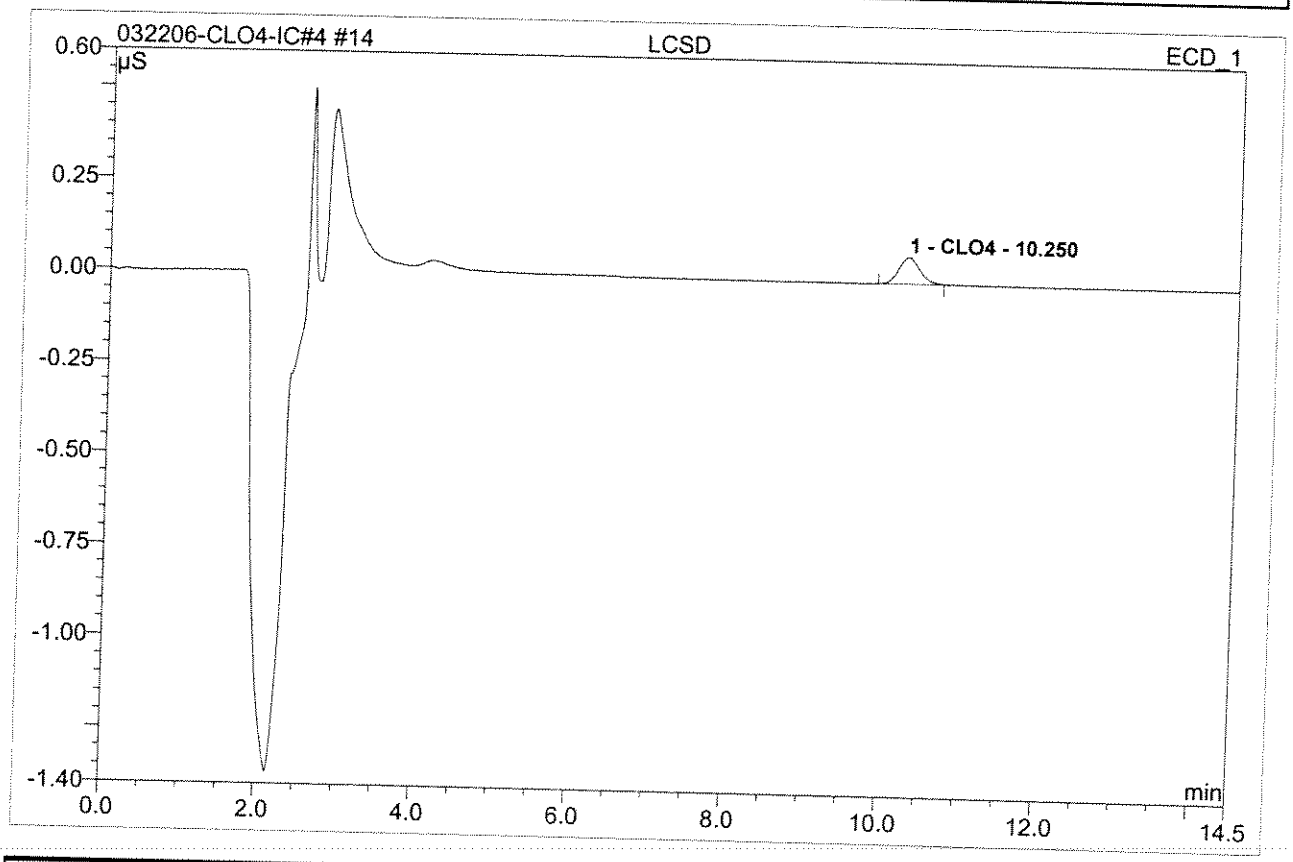


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.26	CLO4	0.073	0.024	100.00	25.113	BMB
Total:			0.073	0.024	100.00	25.113	

14 LCSD

BXS-4

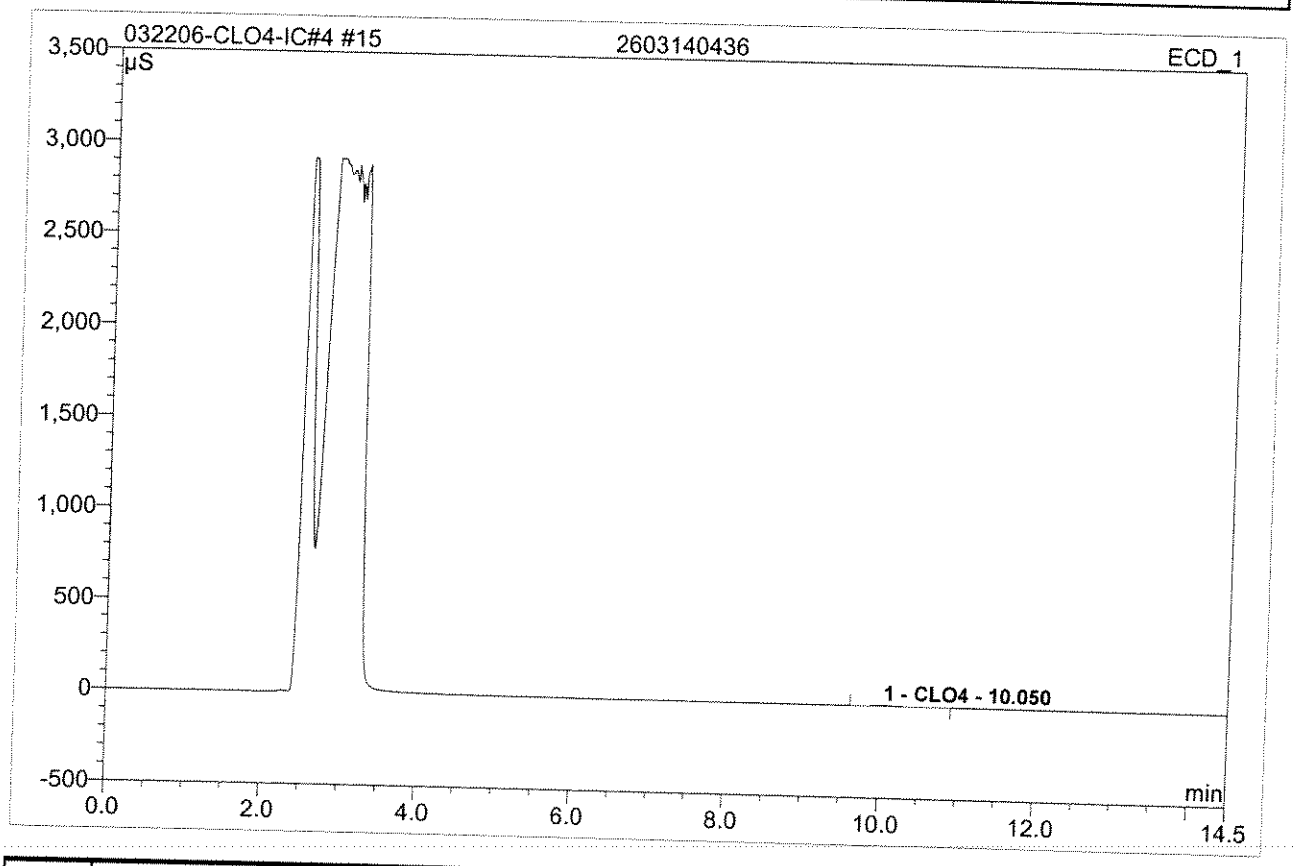
Sample Name:	**LCSD**	*Injection Volume:*	**1000.0**
Vial Number:	**117**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 13:40**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.25	CLO4	0.072	0.023	100.00	24.078	BMB
Total:			0.072	0.023	100.00	24.078	

15 2603140436

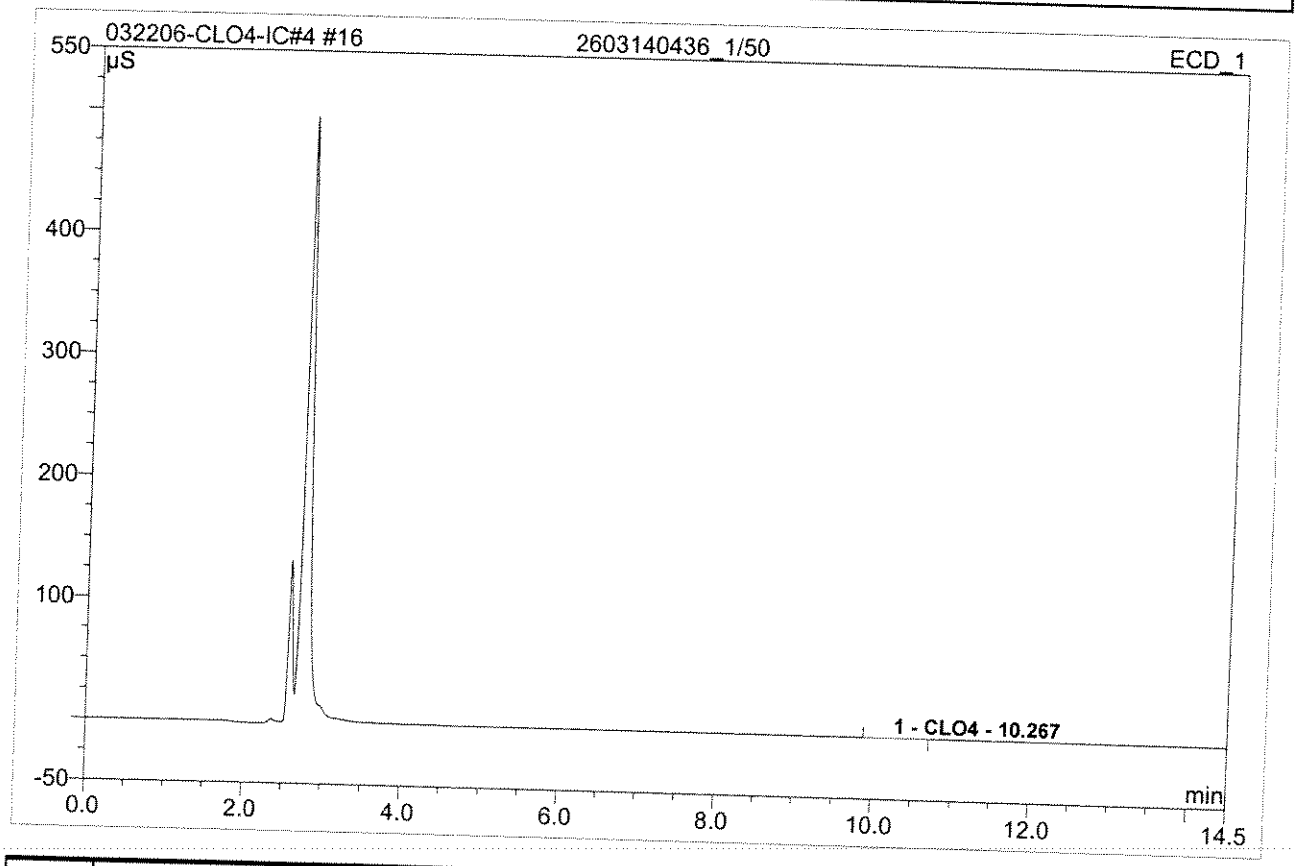
Sample Name:	**2603140436**	*Injection Volume:*	**1000.0**
Vial Number:	**132**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 13:57**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.05	CLO4	3.502	1.104	100.00	1134.943	BMB
Total:			3.502	1.104	100.00	1134.943	

16 2603140436_1/50

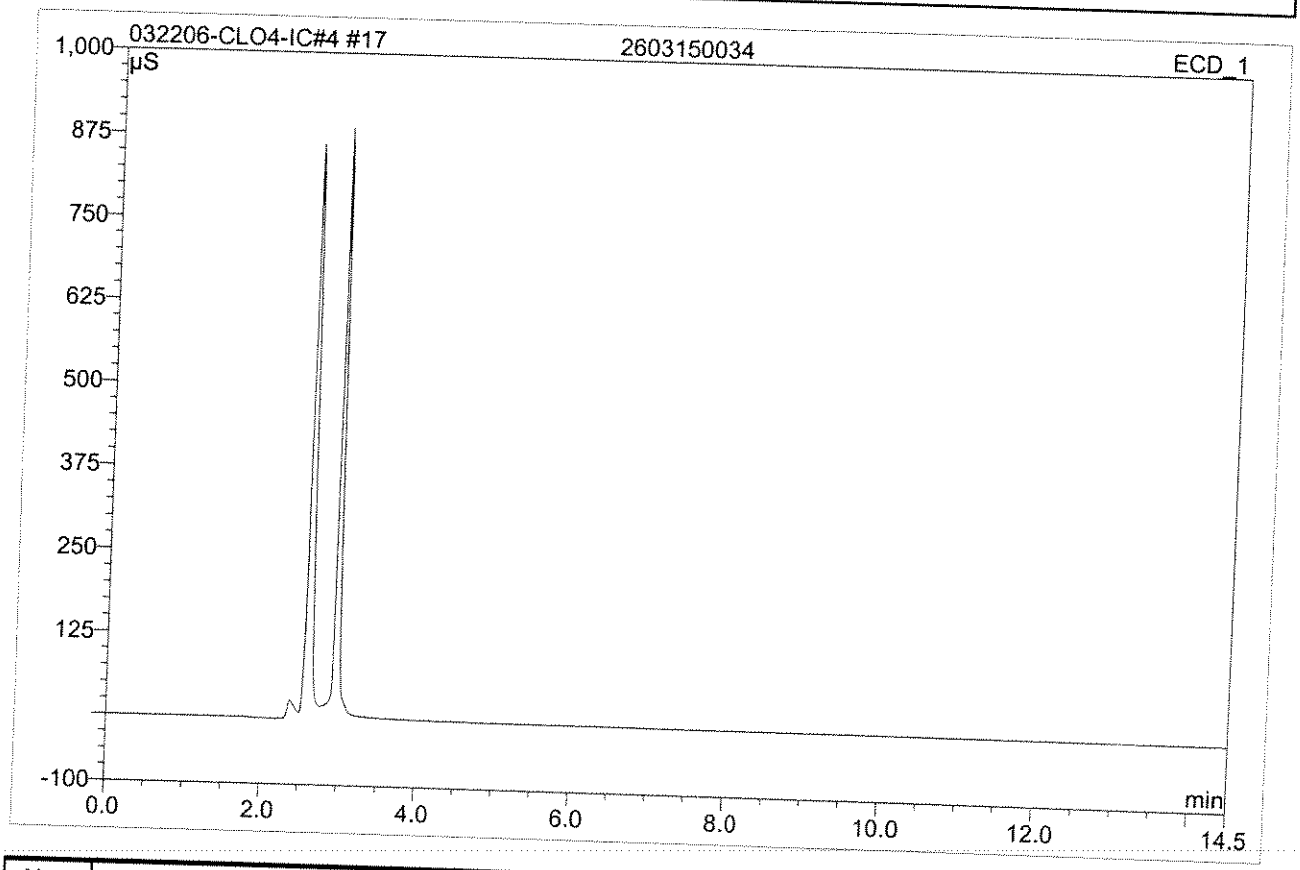
Sample Name:	**2603140436_1/50**	*Injection Volume:*	**1000.0**
Vial Number:	**133**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**50.0000**
Recording Time:	**3/22/2006 14:14**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.27	CLO4	0.051	0.016	100.00	855.098	BMB
Total:			0.051	0.016	100.00	855.098	

17 2603150034

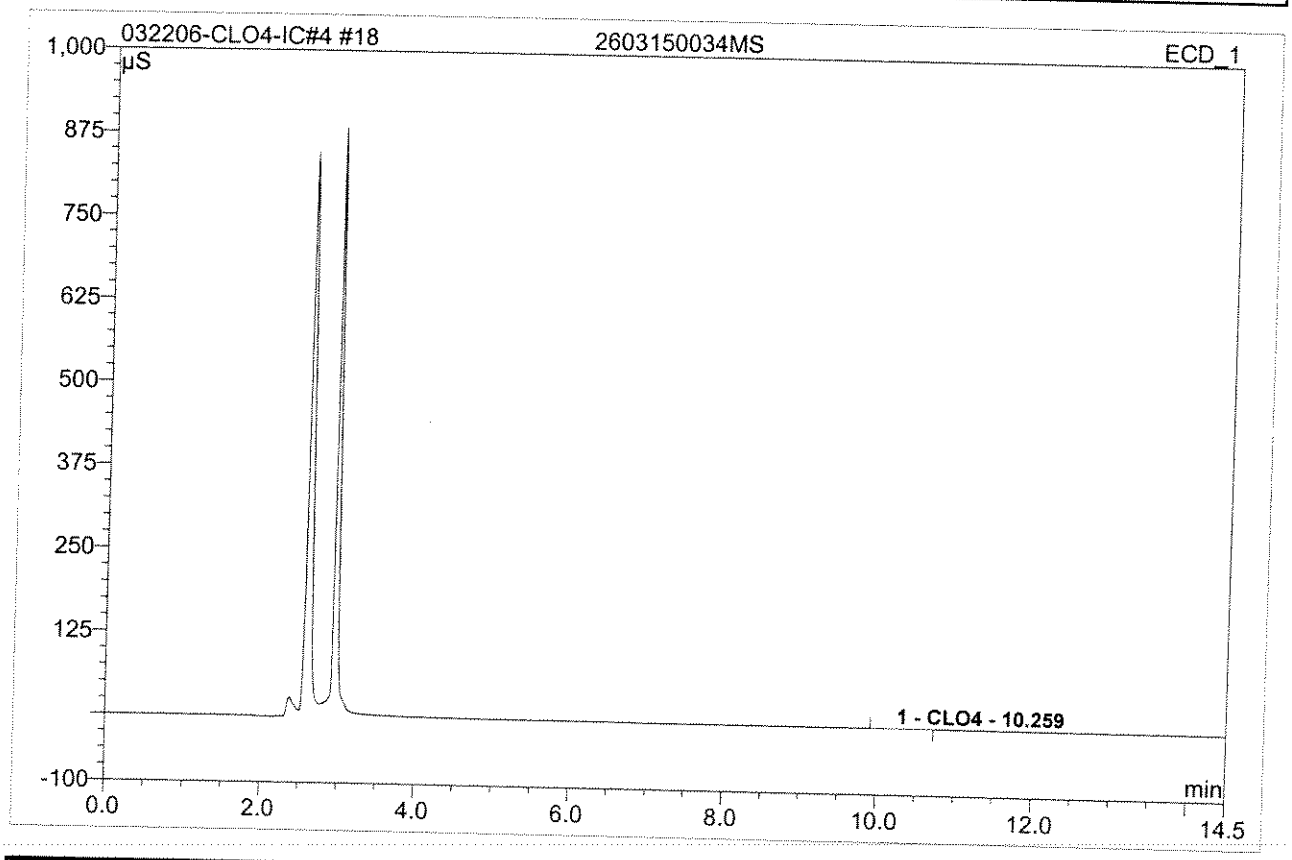
Sample Name:	**2603150034**	*Injection Volume:*	**1000.0**
Vial Number:	**133**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 14:31**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

18 2603150034MS

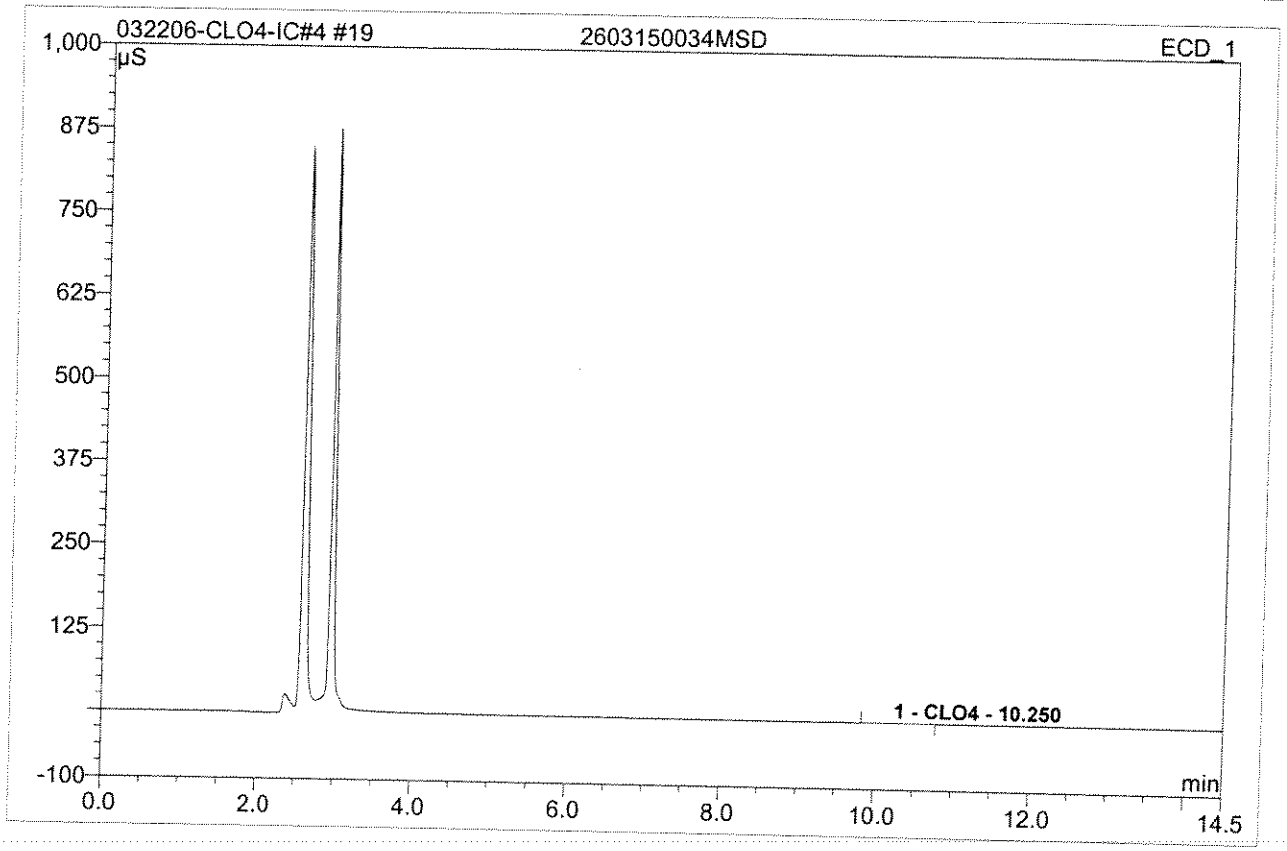
Sample Name:	**2603150034MS**	*Injection Volume:*	**1000.0**
Vial Number:	**134**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 14:48**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.26	CLO4	0.076	0.024	100.00	25.175	BMB
Total:			0.076	0.024	100.00	25.175	

19 2603150034MSD

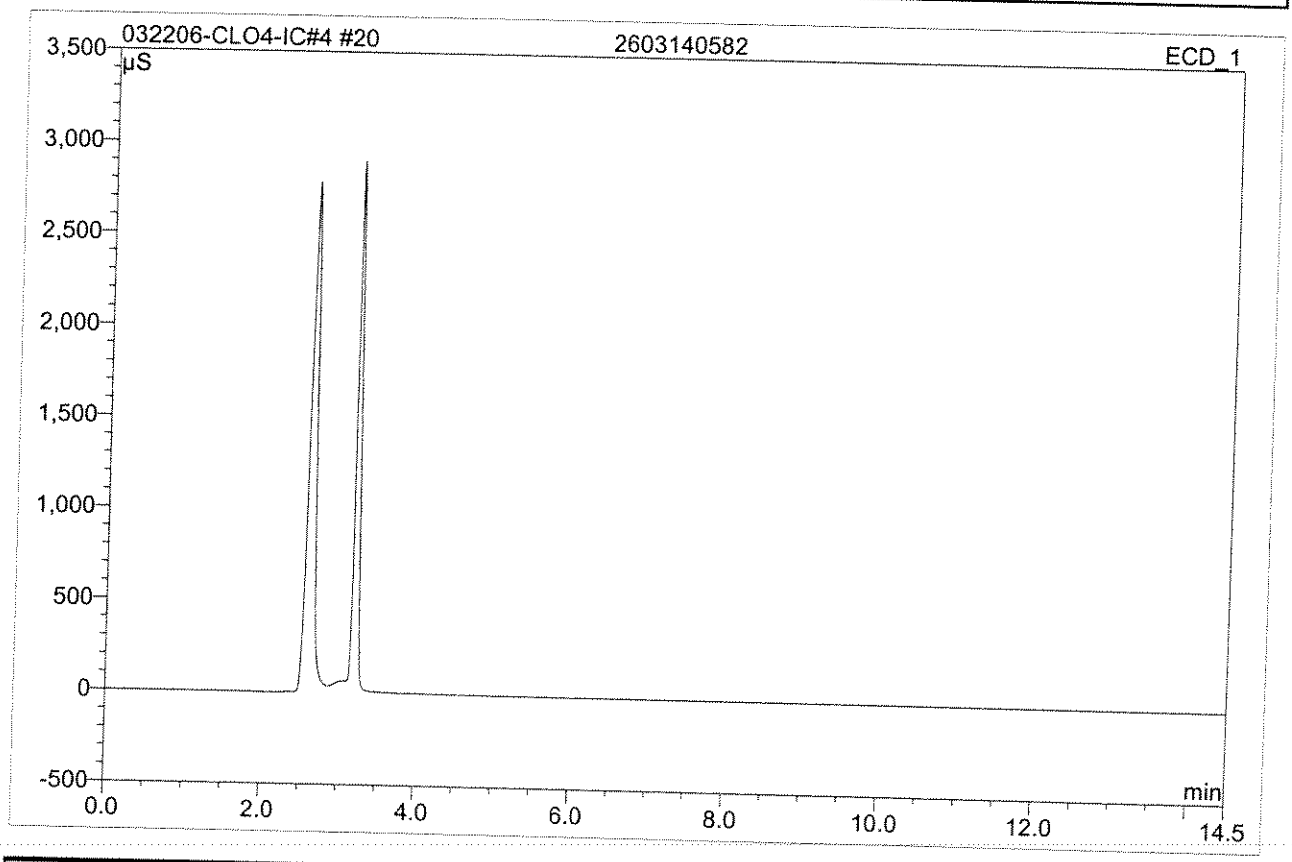
Sample Name:	**2603150034MSD**	*Injection Volume:*	**1000.0**
Vial Number:	**135**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 15:05**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.25	CLO4	0.076	0.024	100.00	25.564	BMB
Total:			0.076	0.024	100.00	25.564	

20 2603140582

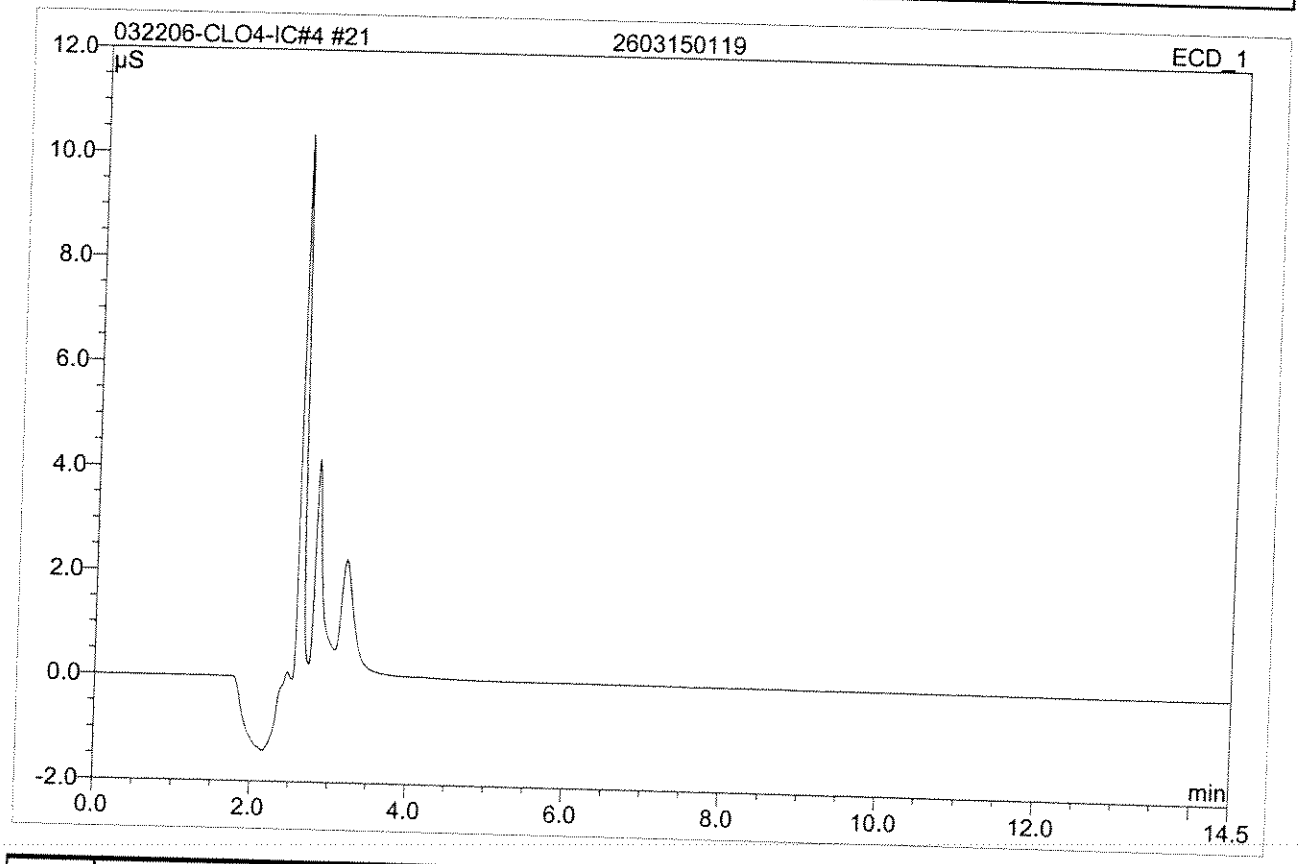
Sample Name:	**2603140582**	*Injection Volume:*	**1000.0**
Vial Number:	**135**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 15:22**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

21 2603150119

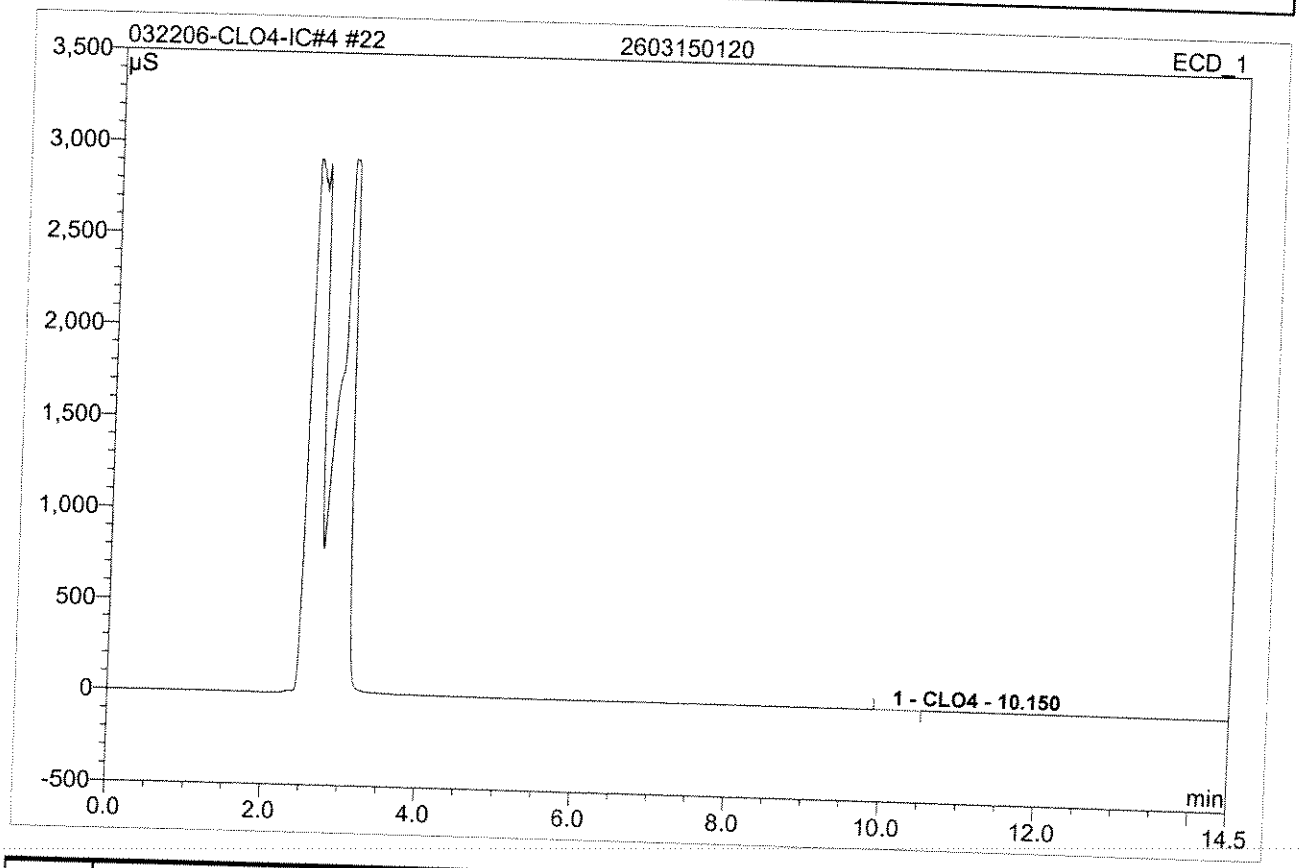
Sample Name:	**2603150119**	*Injection Volume:*	**1000.0**
Vial Number:	**134**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 15:39**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 2603150120

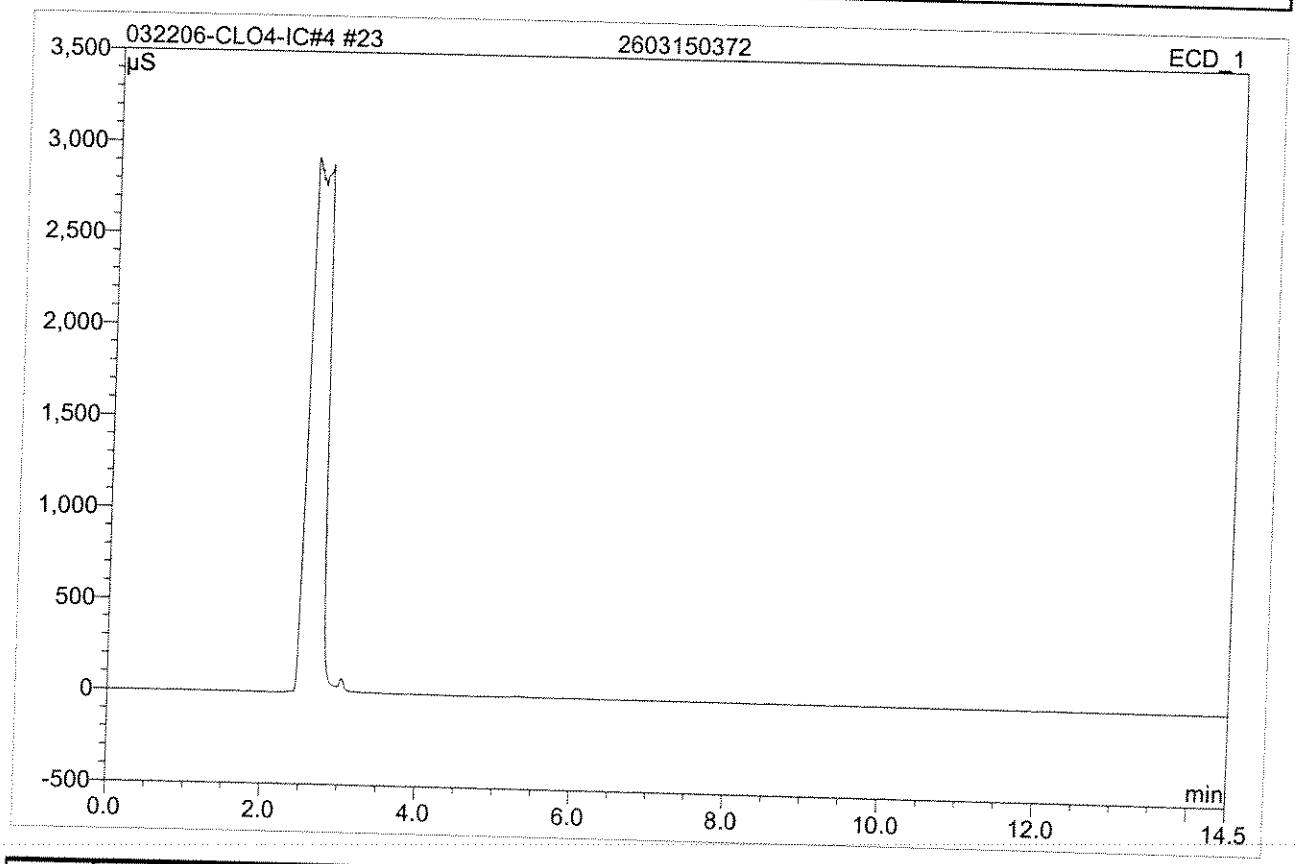
Sample Name:	**2603150120**	*Injection Volume:*	**1000.0**
Vial Number:	**135**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 15:56**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.15	CLO4	0.011	0.003	100.00	3.707	BMB
Total:			0.011	0.003	100.00	3.707	

23 2603150372

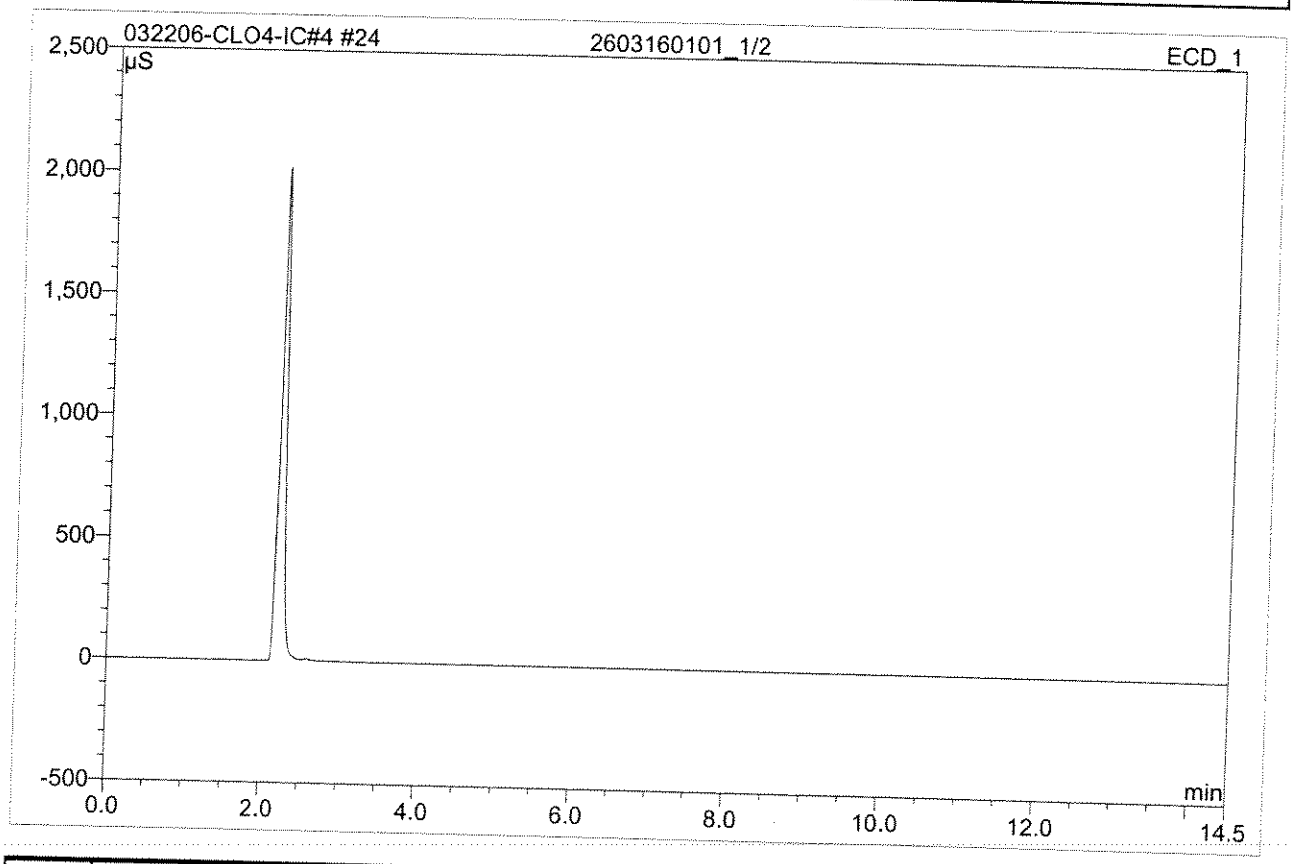
Sample Name:	**2603150372**	*Injection Volume:*	**1000.0**
Vial Number:	**20000**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 16:13**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

24 2603160101_1/2

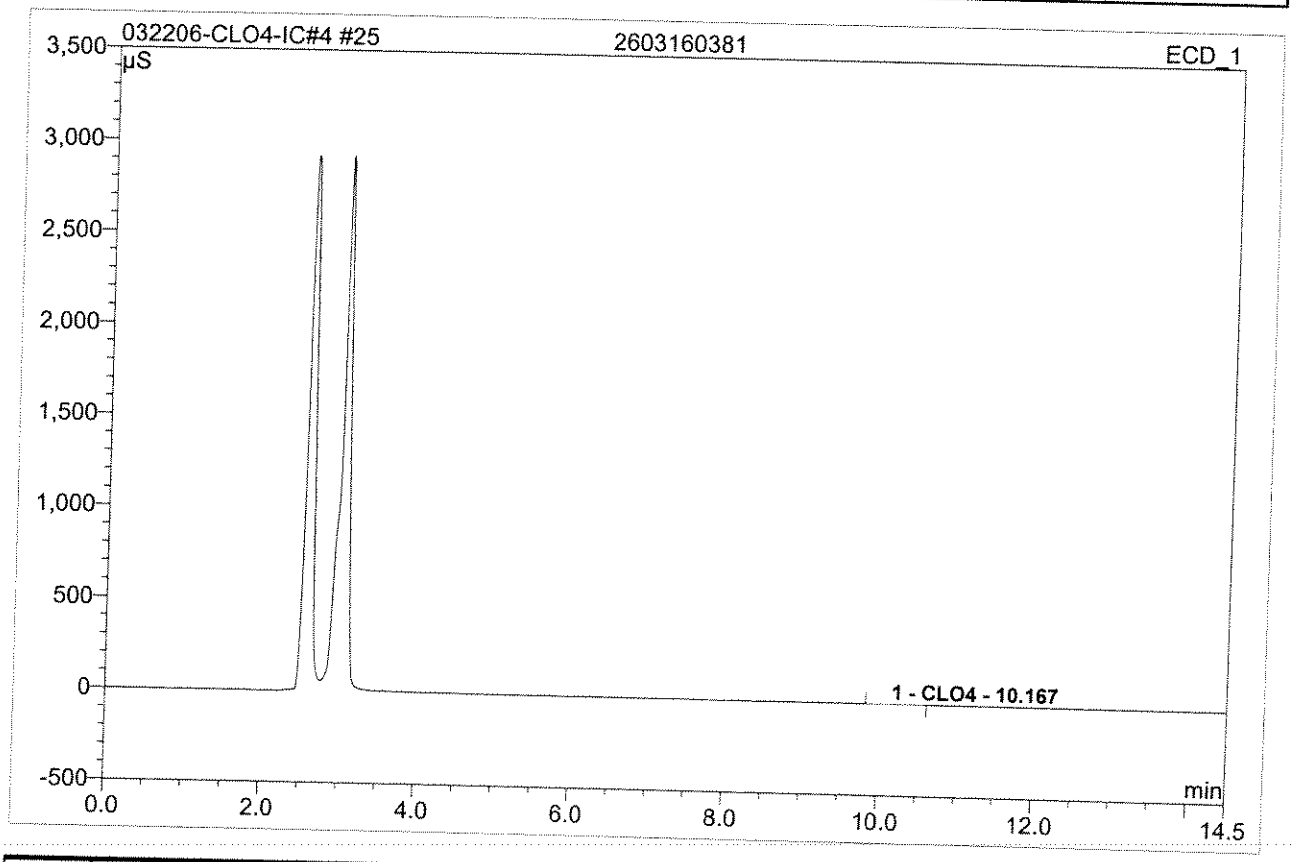
Sample Name:	**2603160101_1/2**	*Injection Volume:*	**1000.0**
Vial Number:	**134**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**2.0000**
Recording Time:	**3/22/2006 16:30**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

25 2603160381

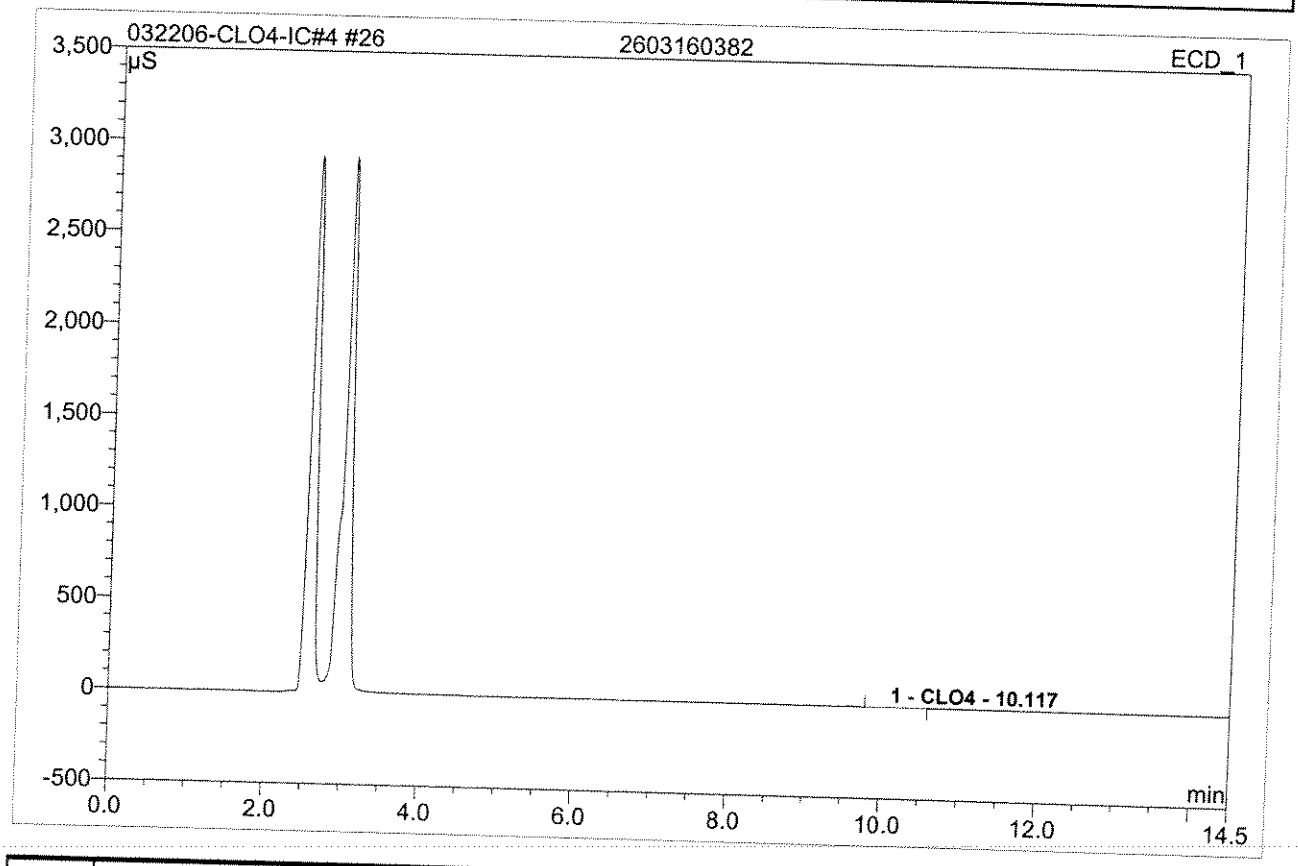
Sample Name:	**2603160381**	*Injection Volume:*	**1000.0**
Vial Number:	**129**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 16:47**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.17	CLO4	0.027	0.008	100.00	9.224	BMB
Total:			0.027	0.008	100.00	9.224	

26 2603160382

Sample Name:	**2603160382**	*Injection Volume:*	**1000.0**
Vial Number:	**129**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 17:04**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

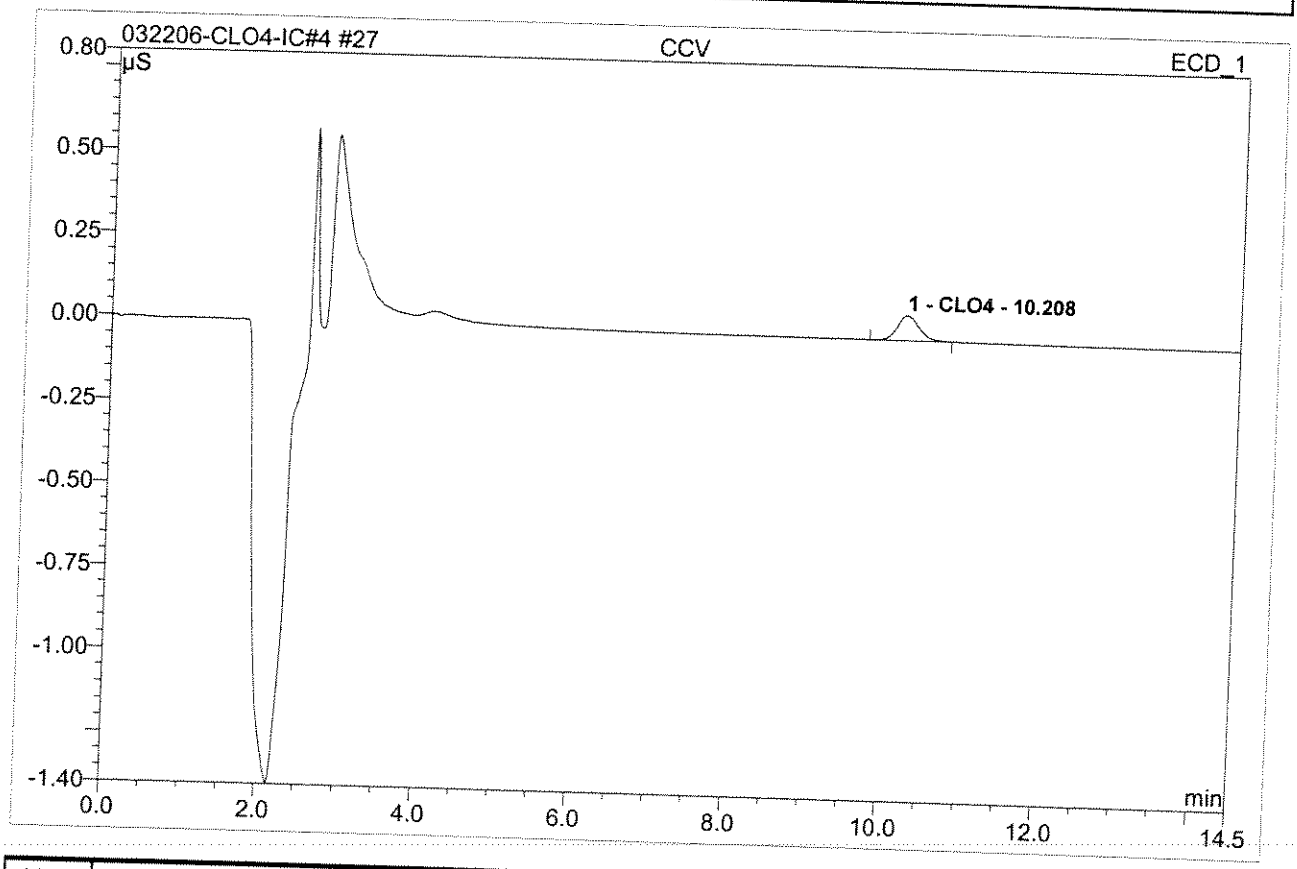


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.12	CLO4	0.028	0.009	100.00	9.705	BMB
Total:			0.028	0.009	100.00	9.705	

27 CCV

BXS-4

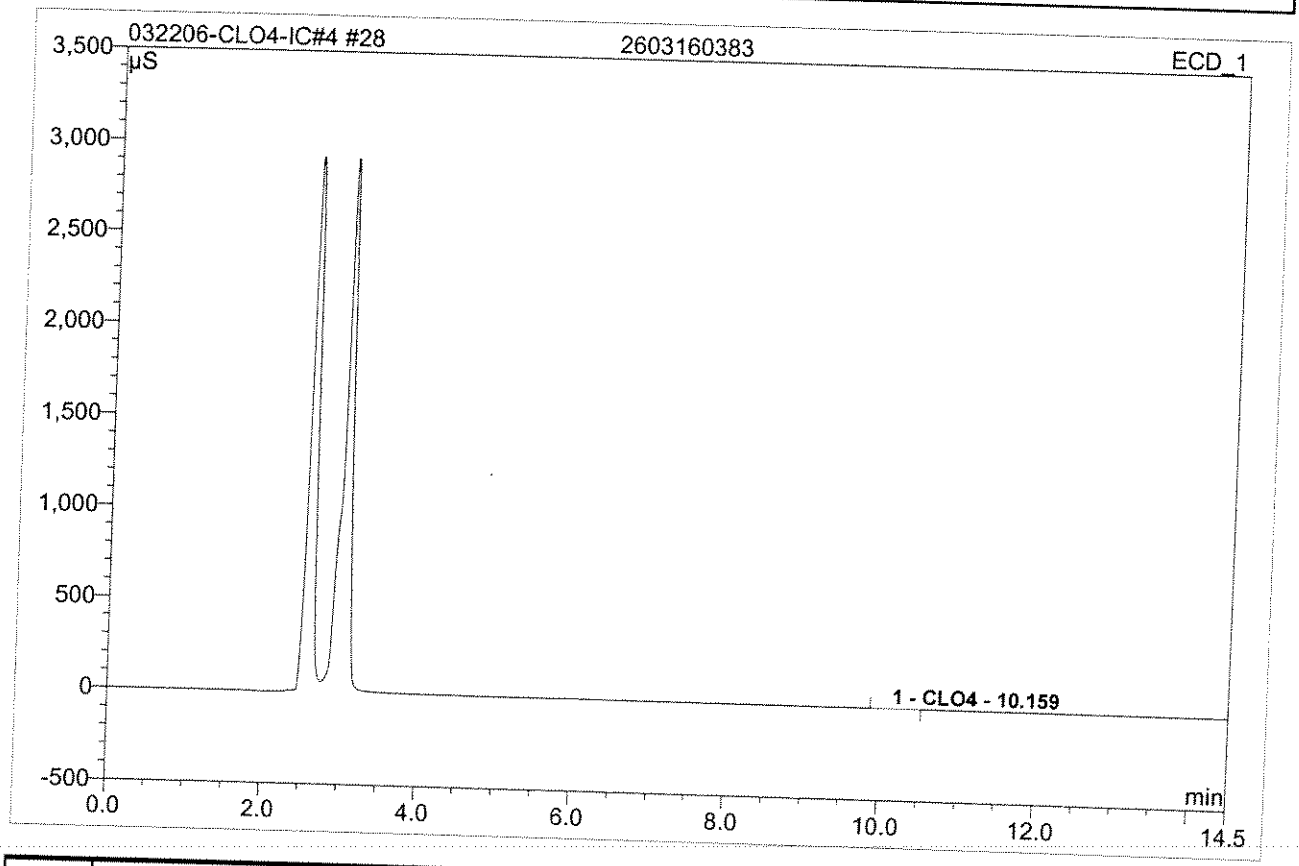
Sample Name:	**CCV**	*Injection Volume:*	**1000.0**
Vial Number:	**128**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 17:21**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.21	CLO4	0.075	0.024	100.00	25.673	BMB
Total:			0.075	0.024	100.00	25.673	

28 2603160383

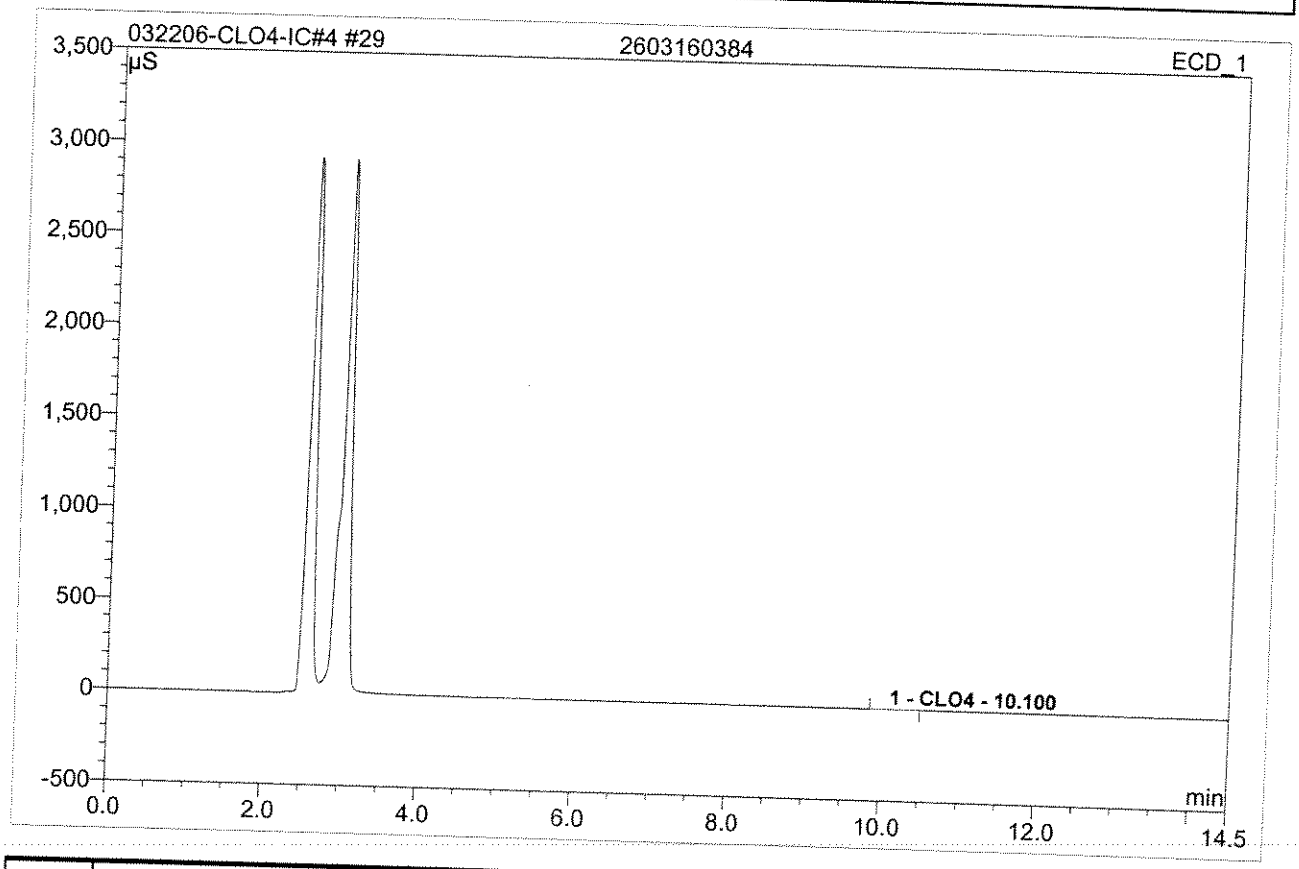
Sample Name:	**2603160383**	*Injection Volume:*	**1000.0**
Vial Number:	**135**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 17:38**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.16	CLO4	0.025	0.008	100.00	8.719	BMB
Total:			0.025	0.008	100.00	8.719	

29 2603160384

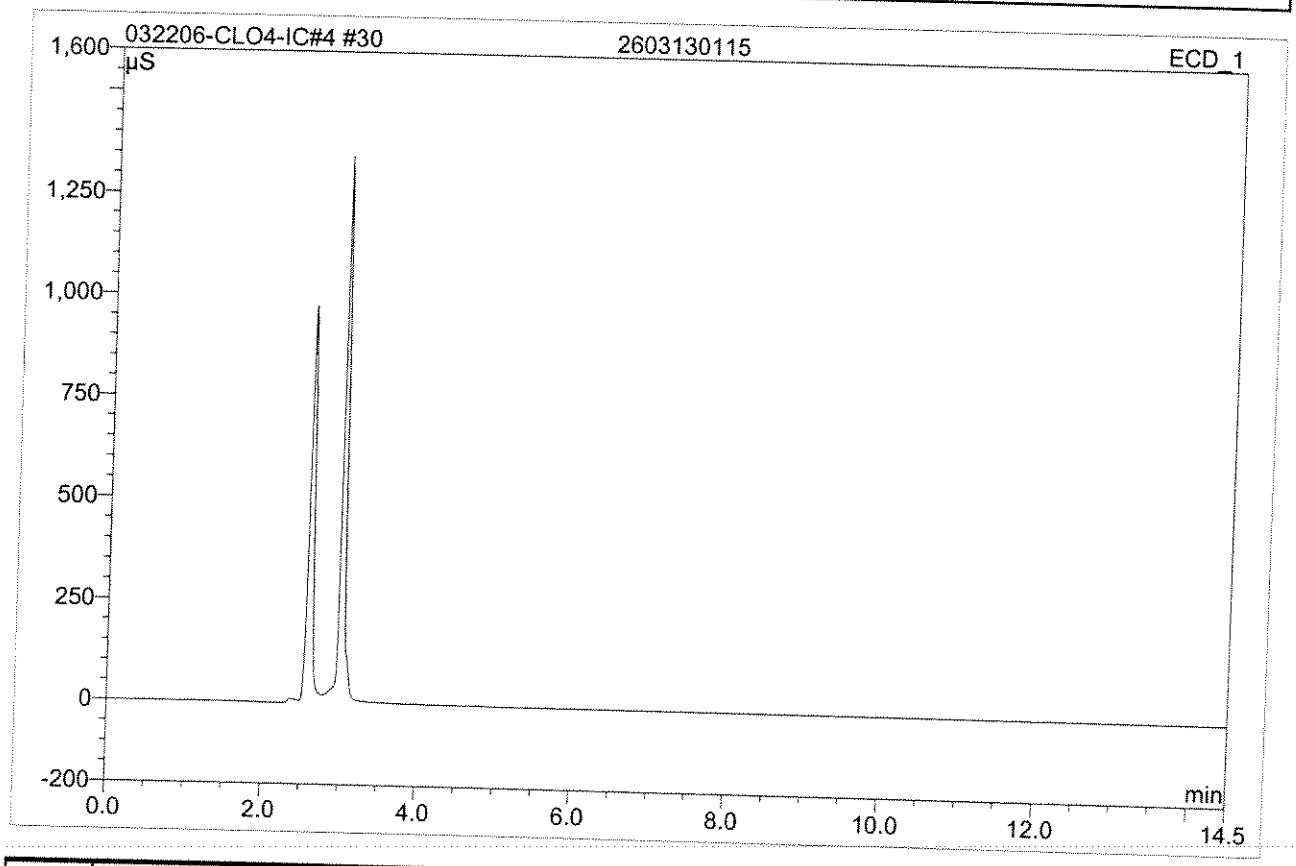
Sample Name:	**2603160384**	*Injection Volume:*	**1000.0**
Vial Number:	**136**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 17:55**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.10	CLO4	0.010	0.003	100.00	3.804	BMB
Total:			0.010	0.003	100.00	3.804	

30 2603130115

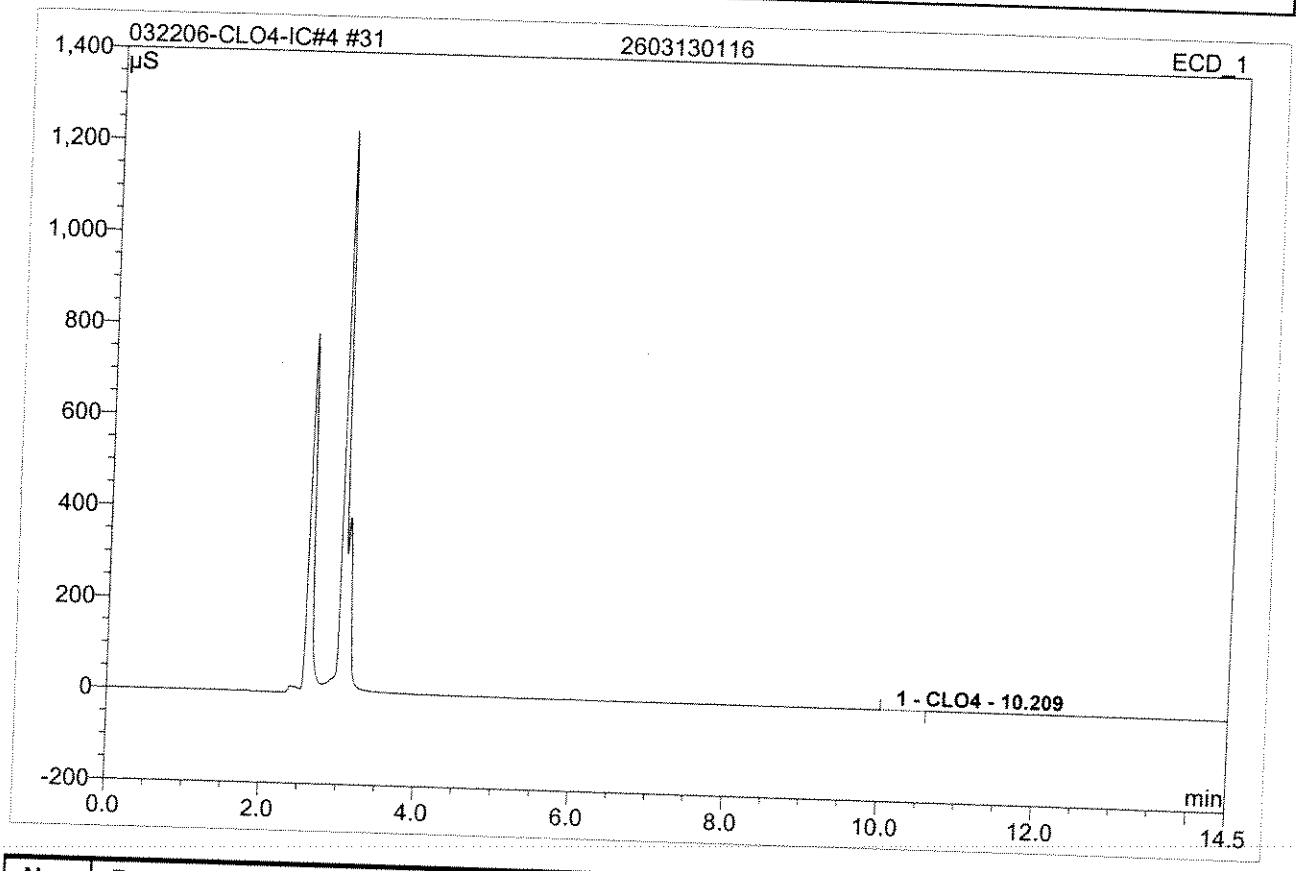
Sample Name:	**2603130115**	*Injection Volume:*	**1000.0**
Vial Number:	**142**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 18:12**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

31 2603130116

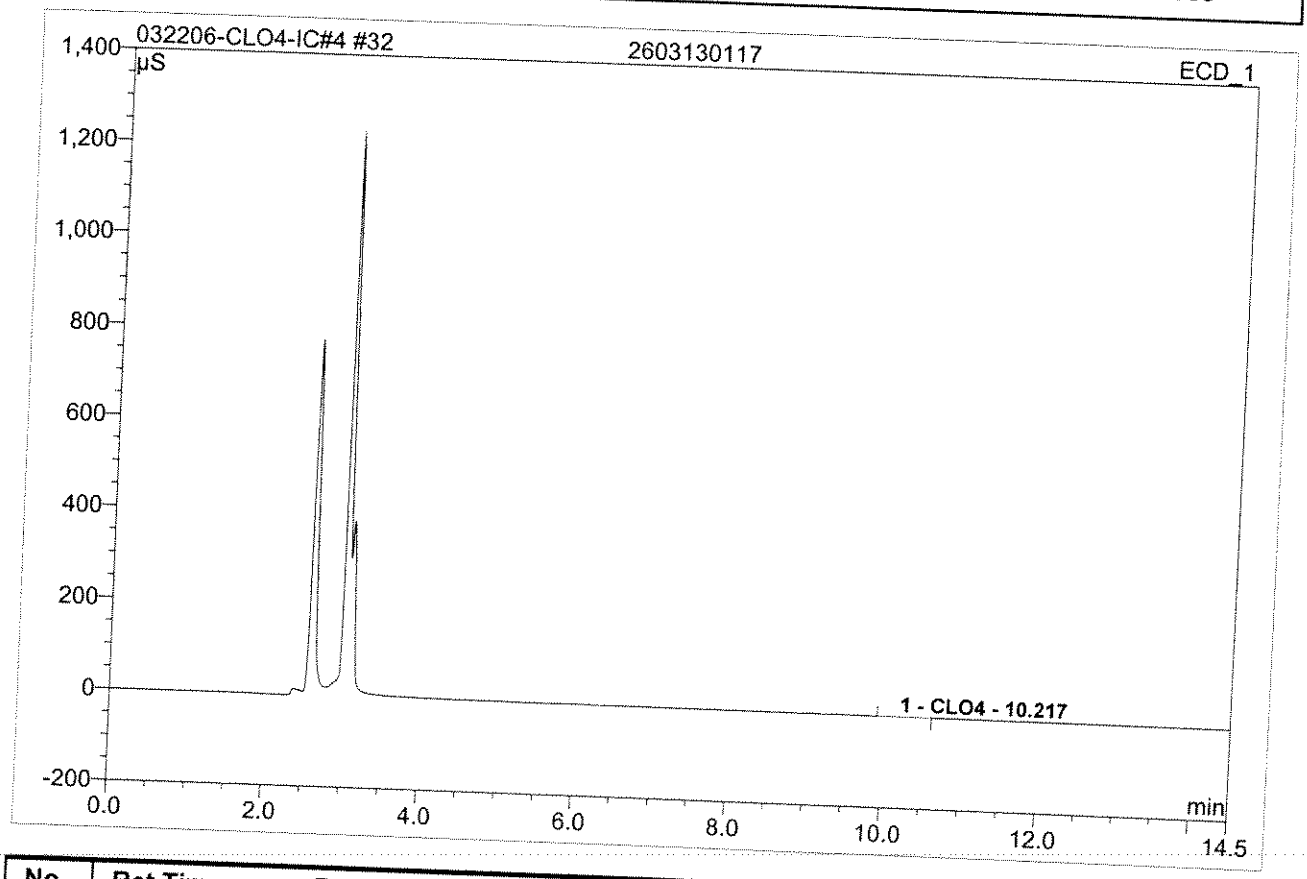
Sample Name:	**2603130116**	*Injection Volume:*	**1000.0**
Vial Number:	**143**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 18:29**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.21	CLO4	0.008	0.003	100.00	3.243	BMB
Total:			0.008	0.003	100.00	3.243	

32 2603130117

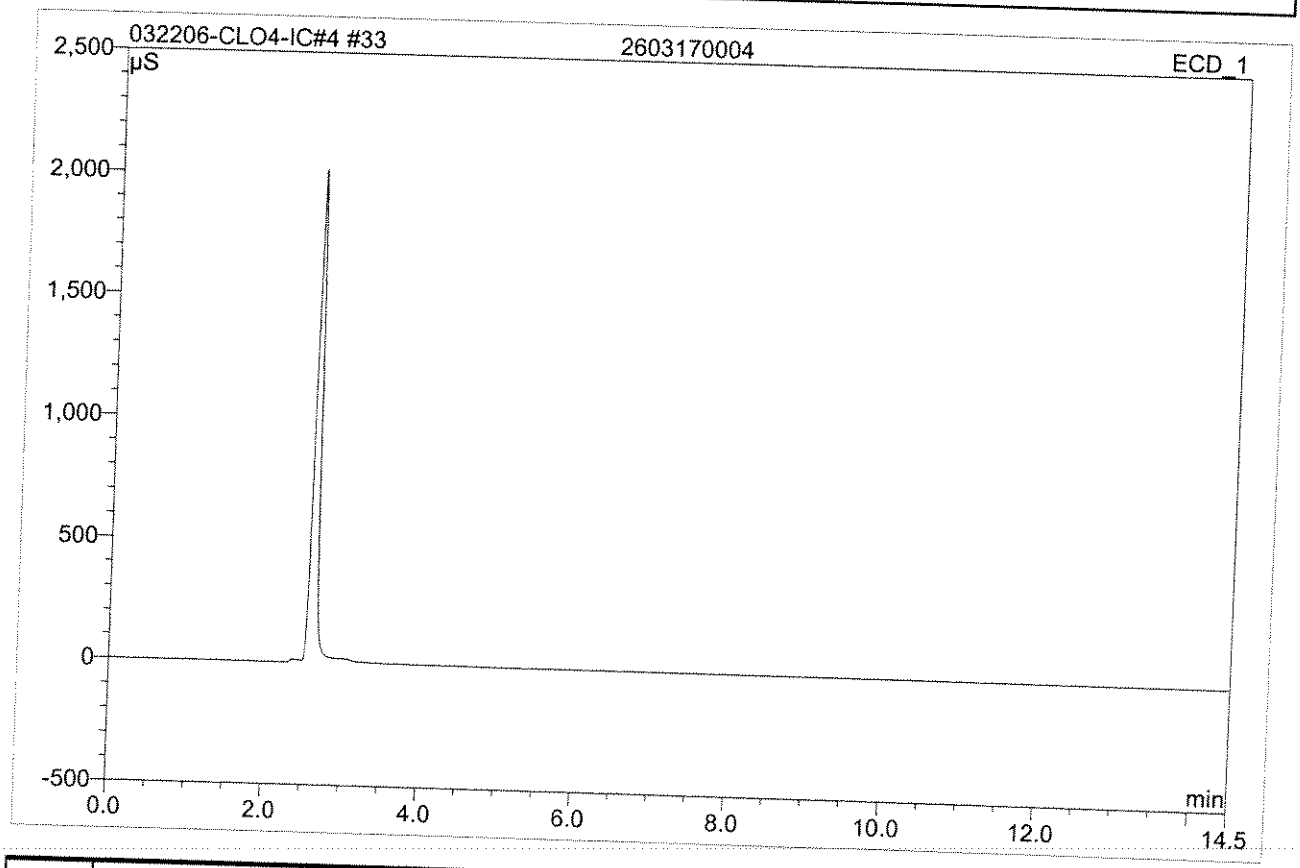
Sample Name:	**2603130117**	*Injection Volume:*	**1000.0**
Vial Number:	**144**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 18:46**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.22	CLO4	0.009	0.003	100.00	3.259	BMB
Total:			0.009	0.003	100.00	3.259	

33 2603170004

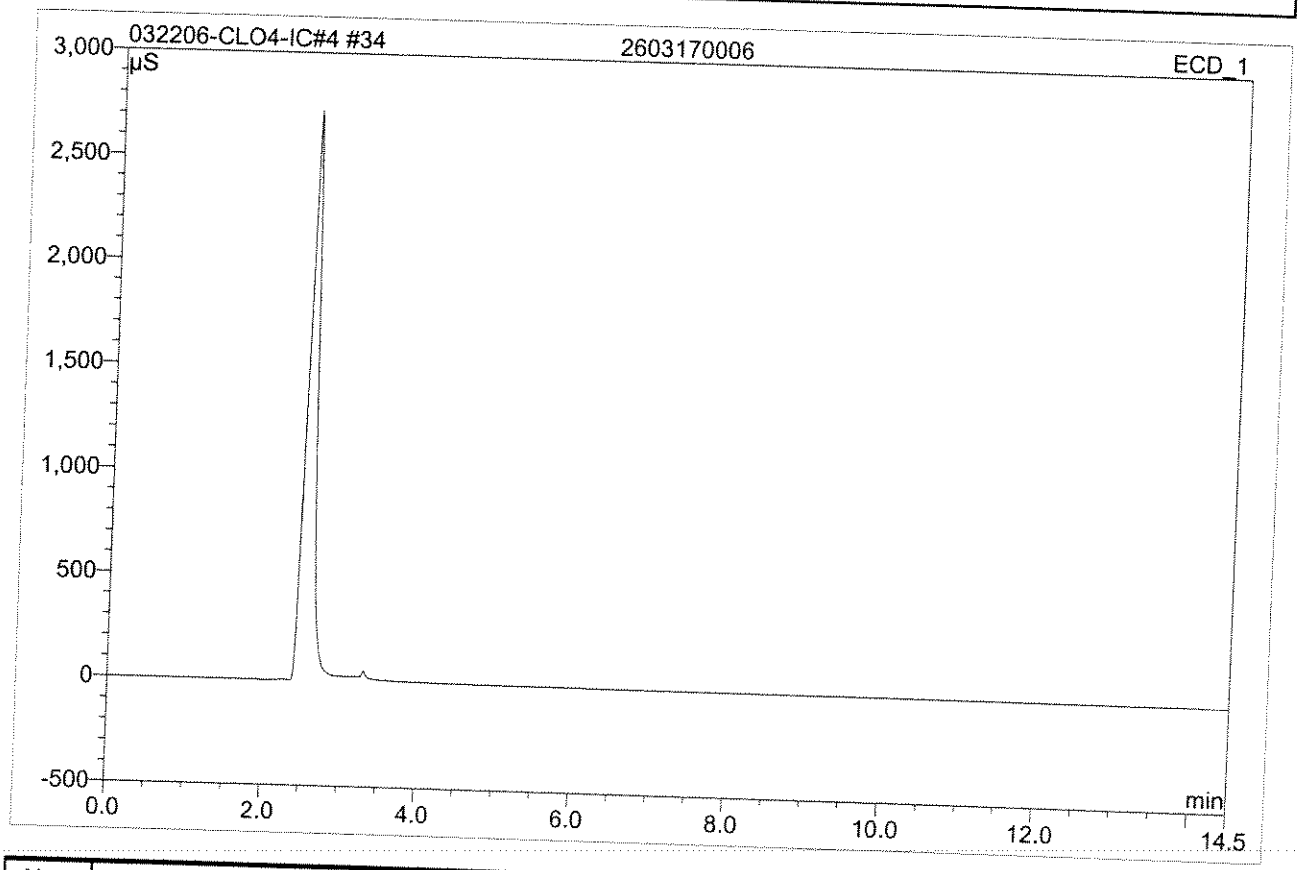
Sample Name:	**2603170004**	*Injection Volume:*	**1000.0**
Vial Number:	**145**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 19:03**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 2603170006

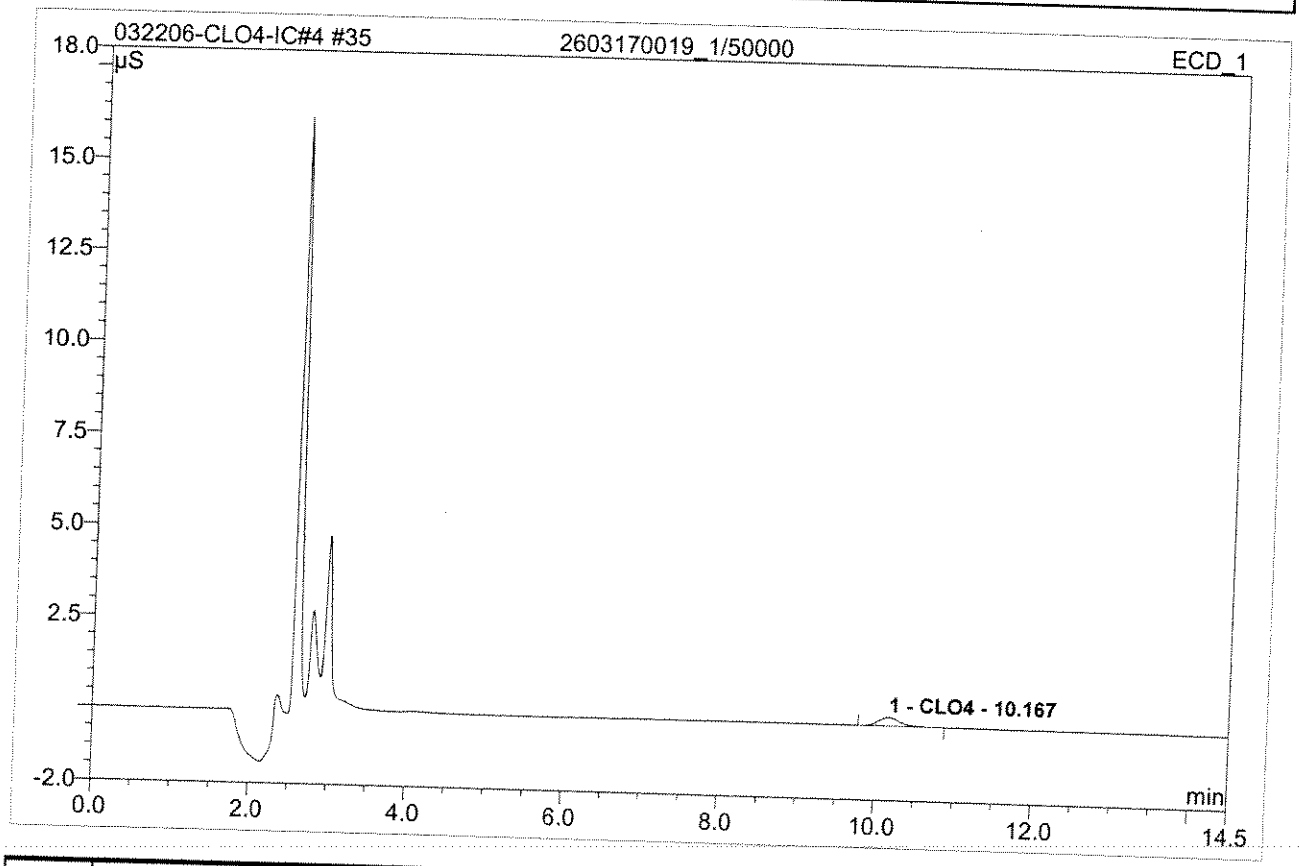
Sample Name:	**2603170006**	*Injection Volume:*	**1000.0**
Vial Number:	**146**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 19:20**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

35 2603170019_1/50000

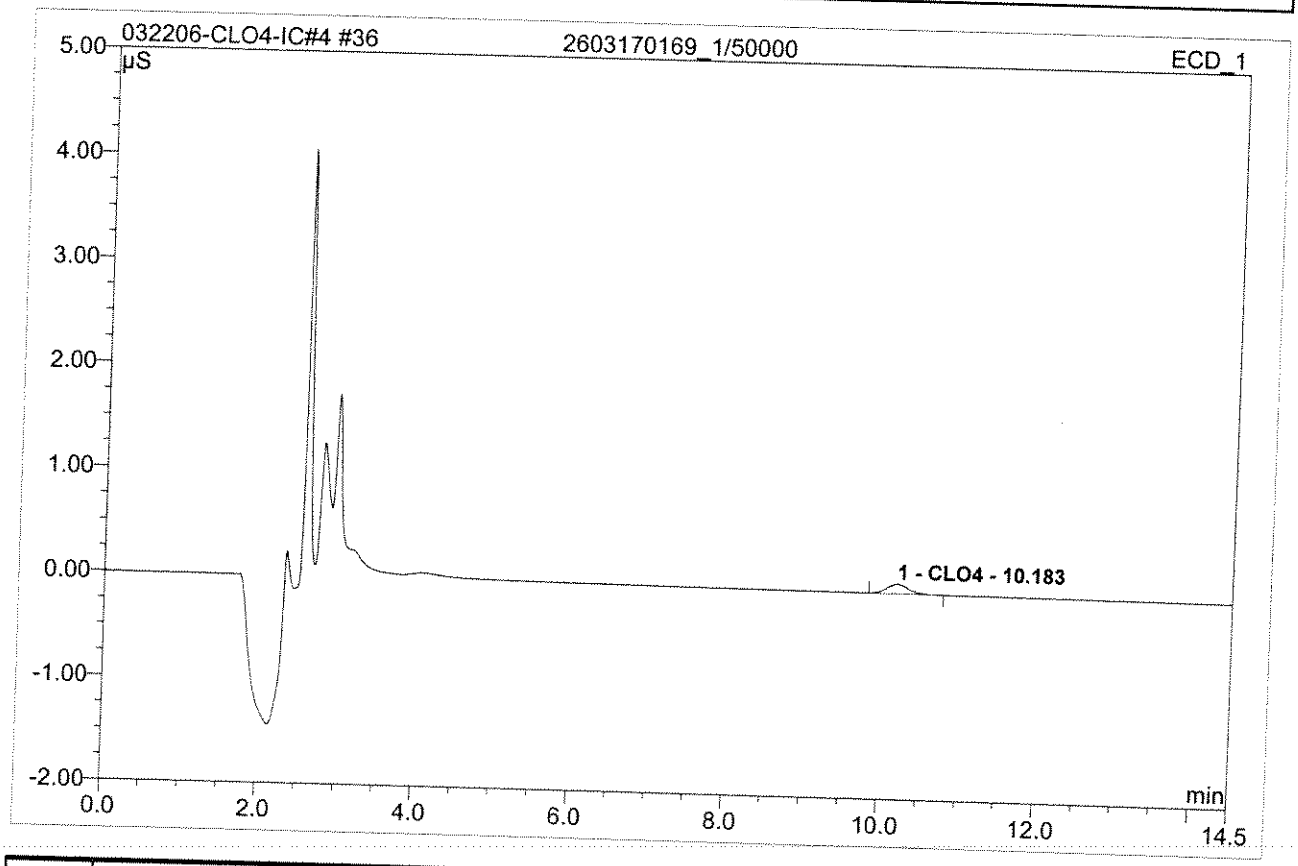
Sample Name:	**2603170019_1/50000**	*Injection Volume:*	**1000.0**
Vial Number:	**147**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**50000.0000**
Recording Time:	**3/22/2006 19:37**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.17	CLO4	0.236	0.076	100.00	##########	BMB
Total:			0.236	0.076	100.00	##########	

36 2603170169_1/50000

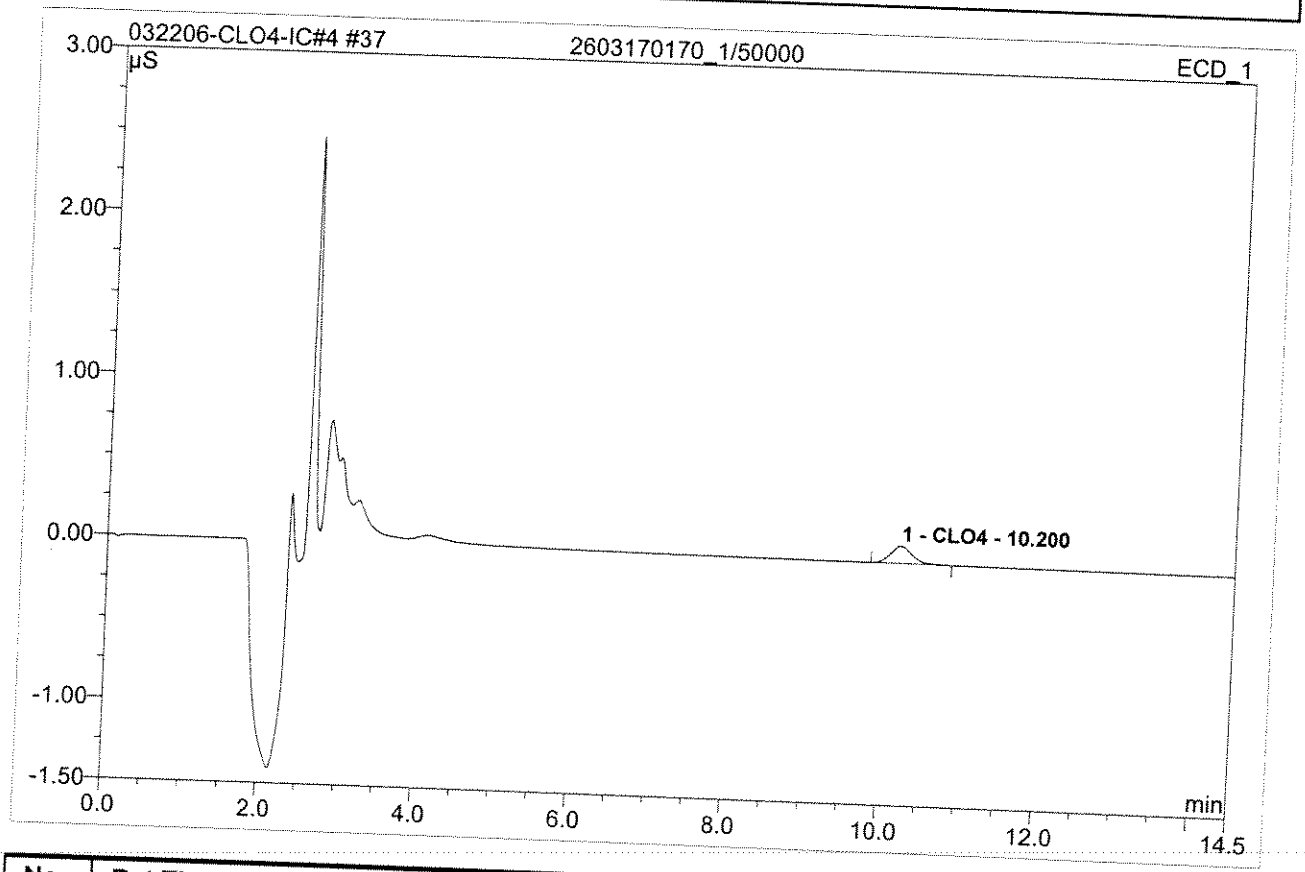
Sample Name:	**2603170169_1/50000**	*Injection Volume:*	**1000.0**
Vial Number:	**148**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**50000.0000**
Recording Time:	**3/22/2006 19:54**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.18	CLO4	0.090	0.029	100.00	##########	BMB
Total:			0.090	0.029	100.00	##########	

37 2603170170_1/50000

Sample Name:	**2603170170_1/50000**	*Injection Volume:*	**1000.0**
Vial Number:	**149**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**50000.0000**
Recording Time:	**3/22/2006 20:11**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**

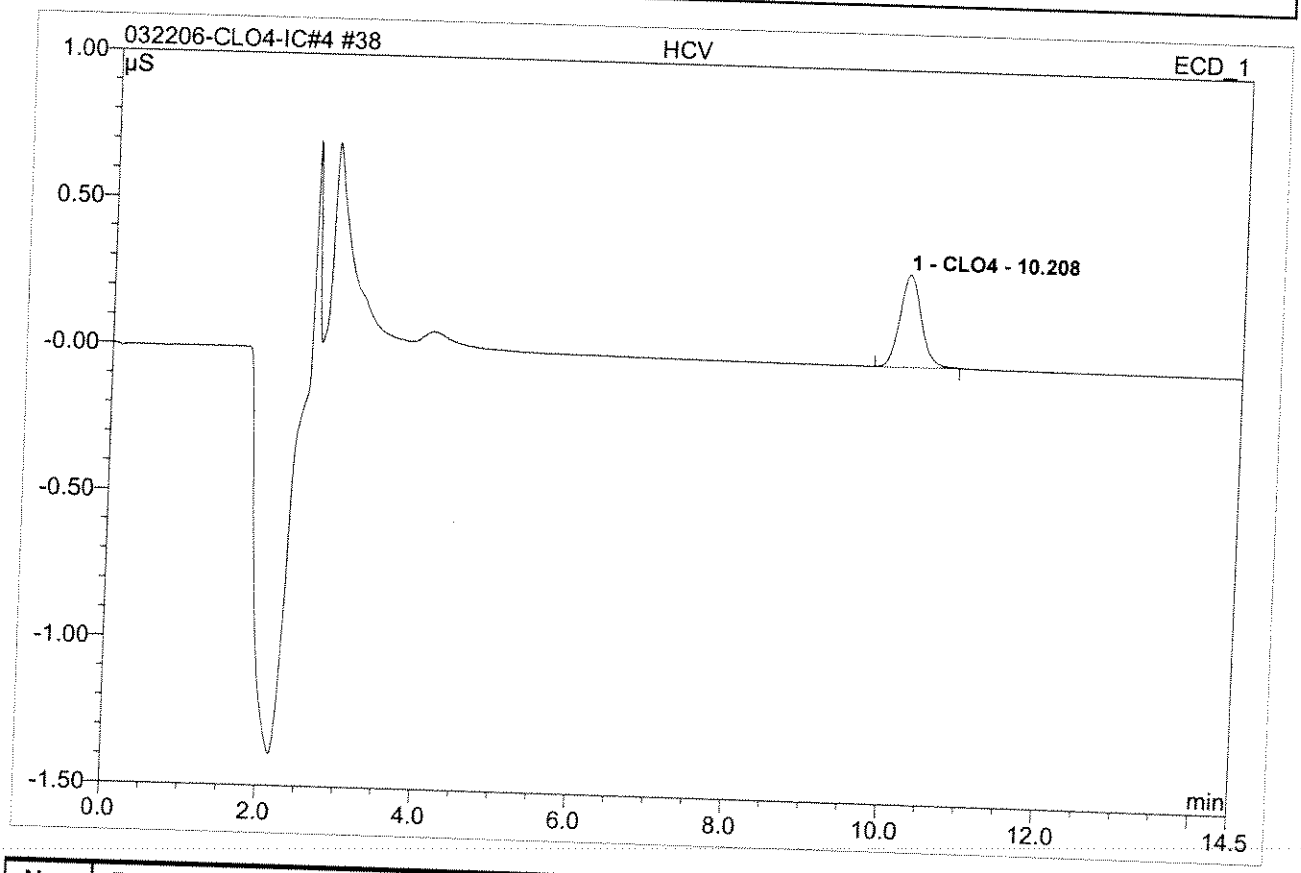


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.20	CLO4	0.106	0.034	100.00	##########	BMB
Total:			0.106	0.034	100.00	##########	

38 HCV

BXS-6

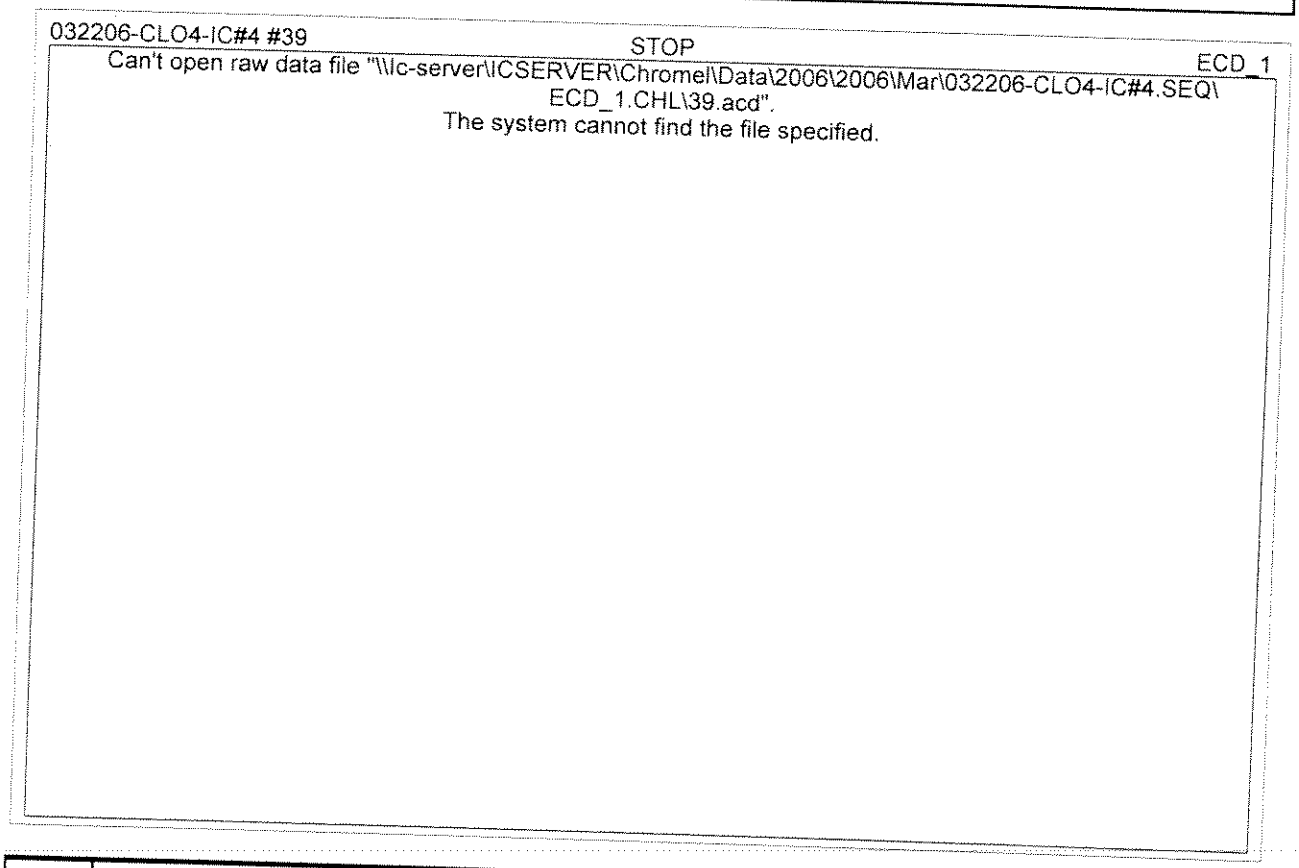
Sample Name:	**HCV**	*Injection Volume:*	**1000.0**
Vial Number:	**141**	*Channel:*	**ECD_1**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**IC4-CLO4 PROGRAM**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 20:28**	*Sample Weight:*	**1.0000**
Run Time (min):	**14.50**	*Sample Amount:*	**1.0000**



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	10.21	CLO4	0.313	0.101	100.00	103.933	BMB
Total:			0.313	0.101	100.00	103.933	

39 STOP

Sample Name:	**STOP**	*Injection Volume:*	**1000.0**
Vial Number:	**117**	*Channel:*	**n.a.**
Sample Type:	**unknown**	*Wavelength:*	**n.a.**
Control Program:	**STOP PROGRAM IC#4**	*Bandwidth:*	**n.a.**
Quantif. Method:	**IC#4-CLO4-LOW**	*Dilution Factor:*	**1.0000**
Recording Time:	**3/22/2006 20:45**	*Sample Weight:*	**1.0000**
Run Time (min):	**n.a.**	*Sample Amount:*	**1.0000**



n.a.	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**	**n.a.**
	n.a.		**n.a.**	**n.a.**	**n.a.**	**n.a.**	
Total:			0.000	0.000	0.00	0.000	

BN

Reagent Documentation

Reagent: Bleach
Date Received: 12/6/05
Date Expired: 12/6/06
Manufacturer: Clorox
Storage Condition: Room Temp

Reagent #: 201288
By: WBM
Matrix: AQ
Amount: 3/4 gl
Lot #: 14853057G 5813-CA3

Component	Comment	Standard	Concentration
	VWR 37001-060		

Comment:

Reagent: PH 7 Buffer
Date Received: 12/12/05
Date Expired: 9/30/07
Manufacturer: VWR
Storage Condition: Room Temp

Reagent #: 201289
By: WBM
Matrix: AQ
Amount: 20 L
Lot #: 5260

Component	Comment	Standard	Concentration
	VWR # Cat 34170-158		

Comment:

Reagent: PH 4 Buffer
Date Received: 12/2/05
Date Expired: 10/31/07
Manufacturer: VWR
Storage Condition: Room Temp

Reagent #: 201290
By: WBM
Matrix: AQ
Amount: 20 L
Lot #: 5278

Component	Comment	Standard	Concentration
	VWR # 34170-155		

Comment:

Reagent Documentation

Reagent: Magnesium Chloride 51% w/v
Date Received: 21 Dec 05
Date Expired: 31 Aug 07
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201297
By: LMR
Matrix: aq
Amount: 2x1-L
Lot #: 5227

Component	Comment	Standard	Concentration
	VWR # VW3899-1		

Comment:

Reagent: Ultrex HNO_3
Date Received: 21 Dec 05 / 17 Mar 06
Date Expired: Dec 07
Manufacturer: J.T. Baker
Storage Condition: room temp

Reagent #: 201298
By: LMR
Matrix: aq
Amount: 2x500ml / 2x500ml
Lot #: B34425

Component	Comment	Standard	Concentration
	VWR # JT6901-5		

Comment:

Reagent: Methanol-HPLC/pest grade
Date Received: 21 Dec 05
Date Expired: Dec 08
Manufacturer: Burdick & Jackson
Storage Condition: room temp

Reagent #: 201299
By: LMR
Matrix: neat
Amount: 8x1-L
Lot #: C0376

Component	Comment	Standard	Concentration
	VWR # BJ230-1		

Comment:

Reagent Documentation

Reagent: Methanol- HPLC / pest grade
Date Received: 21 Dec 05
Date Expired: Dec 08
Manufacturer: Burdick & Jackson
Storage Condition: room temp

Reagent #: 201300
By: LMR
Matrix: neat
Amount: 4x1-L
Lot #: C0877

Component	Comment	Standard	Concentration
	WOR # BJ230-1		

Comment:

Reagent: Cyanide- 1000 ppm std
Date Received: 27 Dec 05
Date Expired: 7 Dec 06
Manufacturer: Absolute Standard
Storage Condition: refrigerate 4±2°C

Reagent #: 201301
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: 120705

Component	Comment	Standard	Concentration
	Absolute Std # 59017		

Comment:

Reagent: Turbidity 4000 NTU std
Date Received: 27 Dec 05
Date Expired: Nov 07
Manufacturer: HACH
Storage Condition: roomtemp (10-25°C)

Reagent #: 201302
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: A5321

Component	Comment	Standard	Concentration
	HACH # 2461-49		

Comment:

Reagent Documentation

Reagent: TKN 1000 ppm std
Reagent #: 201315
Date Received: 17 Jan 06
By: LMR
Date Expired: 1 Feb 07
Matrix: aq
Manufacturer: Inorganic Ventures
Amount: 20 ml
Storage Condition: refrigerate 4 ± 2°C
Lot #: X-NUT01106

Component	Comment	Standard	Concentration
	IV # QCP-NUT-2		

Comment:

Reagent: NO_2-N 100ppm std
Reagent #: 201316
Date Received: 17 Jan 06
By: LMR
Date Expired: 12 Jul 07
Matrix: aq
Manufacturer: CPI
Amount: 250 ml
Storage Condition: refrigerate 4 ± 2°C
Lot #: 4GG126

Component	Comment	Standard	Concentration
	CPI #4400-010014		

Comment:

Reagent: Sulfuric Acid
Reagent #: 201317
Date Received: 18 Jan 06
By: LMR
Date Expired: Jan 09
Matrix: aq
Manufacturer: J.T. Baker
Amount: 6 x 500 ml
Storage Condition: room temp
Lot #: B39025

Component	Comment	Standard	Concentration
	VWR # JT9673-0		

Comment:

Reagent Documentation

Reagent: o-Dianisidine Dihydrochloride
Date Received: 19 Oct 05
Date Expired: Oct 10
Manufacturer: Aldrich / Sigma
Storage Condition: 2-8°C

Reagent #: 201258
By: LMR
Matrix: solid
Amount: 15 x 5g
Lot #: 095K5308

Component	Comment	Standard	Concentration
	Sigma # D3252-5G		

Comment:

Reagent: NaCl - 10000ppm std (TDS)
Date Received: 24 Oct 05
Date Expired: 20 Apr 07
Manufacturer: CPI
Storage Condition: room temp

Reagent #: 201259
By: LMR
Matrix: aq
Amount: 2 x 500 ml
Lot #: 05J176

Component	Comment	Standard	Concentration
	CPI # 4400-051014RH02		

Comment:

Reagent: Cadmium Carbonate
Date Received: 25 Oct 05 / 1 Mar 06
Date Expired: Oct '10
Manufacturer: Alfa Aesar
Storage Condition: room temp

Reagent #: 201260
By: LMR
Matrix: solid
Amount: 3 x 100g / 1 x 100g
Lot #: J20Q106

Component	Comment	Standard	Concentration
	VWR # AA11864-22		

Reagent Documentation

Reagent: Sulfamic Acid
Date Received: 1 Nov 05 / 2 Nov 05 / 11 Nov 05
Date Expired: Nov 10
Manufacturer: J.T. Baker
Storage Condition: room temp

Reagent #: 201267
By: LMR
Matrix: solid
Amount: 2x100 / 2x100 / 2x106
Lot #: B04H26

Component	Comment	Standard	Concentration
	VWR #JT V145-05		

Comment:

Reagent: Cyanide - 1000 ppm std
Date Received: 1 Nov 05
Date Expired: 28 Apr 06
Manufacturer: CPI
Storage Condition: ~~room tem~~ refrigerate 4±2°C

Reagent #: 201268
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: ~~05H5~~ 05I150

Component	Comment	Standard	Concentration
	CPI #4400-JC9M		

Comment:

Reagent: TKN Digestion Solution
Date Received: 3 Nov 05 / 5 Jan 06
Date Expired: Sep '08
Manufacturer: HACH
Storage Condition: room temp

Reagent #: 201269
By: LMR
Matrix: aq
Amount: 6x1-L / 2x1-L
Lot #: A5257

Component	Comment	Standard	Concentration
	HACH #23404-53		

Reagent: Nitric Acid, ultra
Date Received: 11/21/05
Date Expired: 11/21/06
Manufacturer: JT Baker
Storage Condition: Room Temp

Reagent #: 201279
By: WBM
Matrix: AQ
Amount: 500ml
Lot #: B08428

Component	Comment	Standard	Concentration
	VWR # JT6901-05		

Comment:

Reagent: 50% H_2SO_4
Date Received: 11/21/05
Date Expired: June 2007
Manufacturer: RICCA
Storage Condition: Room Temp.

Reagent #: 201280
By: WBM
Matrix: AQ
Amount: 500ml X2
Lot #: 2506443

Component	Comment	Standard	Concentration
	RICCA 8180-32		
	~~VWR~~ # RC818032		

Comment:

Reagent: CN 1000 Ppm
Date Received: 11/21/05
Date Expired: 5/16/07
Manufacturer: High purity
Storage Condition: Room Temp

Reagent #: 201281
By: WBM
Matrix: AQ
Amount: 100ml X2
Lot #: 525550

Component	Comment	Standard	Concentration
	Cat # IC CN M		

Comment:

Scan Prep Sheet

Lab Batch No. (Filename): INOT 1 032206 NINA

Analysis Date (start date): 03/22/06

LAB TEST TYPE (Method reference): 335

NOTES:

CN By Lachat

Analyzed By: nina
Date Digested: 3.22.06

File ID: cn032206
By: nina/NM

Approved By: _____

Date: _____

Cup	pH	Sample ID	Date	Time	Dil	Raw	Result	Comment
1	12	CalStd 0.5 ppm	3/22/2006	3:12:	1	.5	0.50	
2		CalStd 0.1 ppm	3/22/2006	3:14:	1	.1	0.100	
3		CalStd 0.05 ppm	3/22/2006	3:15:	1	.05	0.050	
4		CalStd 0.01 ppm	3/22/2006	3:16:	1	.01	0.010	
5		CalStd 0.005 ppm	3/22/2006	3:17:	1	.005	0.005	
6		CalBlank	3/22/2006	3:19:	1	0	ND	
1		ICV 0.5	3/22/2006	3:20:	1	.502	0.50	100.4%
6		ICB 0.0	3/22/2006	3:22:	1	-.000	ND	
60		MRL 0.005	3/22/2006	3:24:	1	.003	ND	79.8%
7		LO -0.02	3/22/2006	3:26:	1	.018	0.019	
8		HI-0.1	3/22/2006	3:28:	1	.095	0.096	
9		MBLANK	3/22/2006	3:30:	1	-.000	ND	
10		LCS	3/22/2006	3:31:	1	.1	0.100	100.0%
10		LCSD	3/22/2006	3:33:	1	.099	0.100	99.9%
11		2603200005	3/22/2006	3:35:	1	-.000	ND	
12		2603200005MS	3/22/2006	3:36:	1	.107	(0.11)	107.7%
13		2603200005MSD	3/22/2006	3:38:	1	.104	(0.10)	104.7%
14		2603140194	3/22/2006	3:39:	1	.002	ND	
15		2603140195	3/22/2006	3:40:	1	.000	ND	
16		2603140196	3/22/2006	3:41:	1	.005	0.005	
17		2603140197	3/22/2006	3:42:	1	.028	0.028	
18		2603140198	3/22/2006	3:44:	1	.000	ND	
19		2603140199	3/22/2006	3:45:	1	.002	ND	
20		2603140200	3/22/2006	3:46:	1	-.000	ND	
21		2603140201	3/22/2006	3:47:	1	-.000	ND	
22		2603140202	3/22/2006	3:49:	1	.002	ND	
1		CCV	3/22/2006	3:50:	1	.502	0.50	~~502.0% Q~~ 3.22.06
6		CCB	3/22/2006	3:52:	1	-.000	ND	
23		2603160050	3/22/2006	3:54:	1	.005	0.005	
24		2603160050MS	3/22/2006	3:55:	1	.102	(0.10)	96.8%
25		2603160051	3/22/2006	3:56:	1	.000	ND	
26		2603160052	3/22/2006	3:57:	1	.004	ND	
27		2603160053	3/22/2006	3:59:	1	.010	0.010	
28		2603160055	3/22/2006	4:00:	1	-.000	ND	
29		2603160056	3/22/2006	4:01:	1	-.000	ND	
30		2603140436	3/22/2006	4:02:	1	-.000	ND	
31		2603140472	3/22/2006	4:04:	1	-.000	ND	
32		2603150120	3/22/2006	4:05:	1	-.000	ND	
33		2603140427	3/22/2006	4:06:	1	-.000	ND	
2		CCV	3/22/2006	4:07:	1	.103	0.10	103.0%
6		CCB	3/22/2006	4:09:	1	-.005	ND	
34		BLK	3/22/2006	4:10:	1	-.000	ND	

Quality Control Criteria

Calibration Standard: R# 201122 Expired: 10 / — / 2006

LCS / LFB Standard: R# 201268 Expired: 4 / — / 2006

LCS Control Limit: 90% - 110% of Theoretical value
Calibration Verification: 90% - 110% of Theoretical value
Matrix Spike: 90% - 110% of Amount spiked
Matrix Spike (CN & NH3): 90% - 110% of Amount spiked
MRL-Check: 50% - 150% of MRL-Level

Author: Tom Dude

Date : 3/22/2006

Original Run Filename: OM_3-22-2006_03-12-12PM.OMN created 3/22/2006 3:12:12 PM
Original Run Author's Signature: [Tom Dude]
Current Run Filename: OM_3-22-2006_03-12-12PM.OMN last modified 3/22/2006 4:12:13 PM
Current Run Author's Signature: [Tom Dude]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 CYANIDE Conc. (mg/L)	Area (Vs)	Detection Time	MDF
CalStd 0.5 ppm	1	S1	0.500	21.3	3/22/2006@3:12:57 PM	
CalStd 0.1 ppm	1	S2	0.100	4.41	3/22/2006@3:14:11 PM	
CalStd 0.05 ppm	1	S3	0.0500	2.20	3/22/2006@3:15:24 PM	
CalStd 0.01 ppm	1	S4	0.0100	0.455	3/22/2006@3:16:38 PM	
CalStd 0.005 ppm	1	S5	0.00500	0.222	3/22/2006@3:17:50 PM	
CalBlank	1	S6	0.00	0.0208	3/22/2006@3:19:03 PM	
DQM Test: Minimum Correlation Coefficient						
Result:			0.99998 > 0.99500			
Message			Calibration Passes			
Action			Continue			
ICV 0.5	1	1	0.502	21.4	3/22/2006@3:20:59 PM	
Known Conc:			0.500			
DQM Test: > + Concentration Limit						
Result:			0.502 < 0.550			
Message			Pass			
Action			None			
DQM Test: < - Concentration Limit						
Result:			0.502 > 0.450			
Message			ICV Passes			
Action			Continue			
Calibration:			Table/Fig. 1			
ICB 0.0	1	6	-7.36e-4	0.0199	3/22/2006@3:22:53 PM	
Known Conc:			0.00			
DQM Test: > + Concentration Limit						
Result:			-7.36e-4 < 0.00500			
Message			ICB Passes			
Action			Continue			
MRL 0.005	1	60	0.00399	0.222	3/22/2006@3:24:49 PM	
Known Conc:			0.00500			
DQM Test: > + Concentration Limit						
Result:			0.00399 < 0.00750			
Message			Pass			
Action			None			
DQM Test: < - Concentration Limit						
Result:			0.00399 > 0.00250			
Message			MRL Passes			
Action			Continue			
LO -0.02	1	7	0.0189	0.857	3/22/2006@3:26:43 PM	
Known Conc:			0.0200			
DQM Test: > + Concentration Limit						
Result:			0.0189 < 0.0220			
Message			Pass			
Action			None			
DQM Test: < - Concentration Limit						
Result:			0.0189 > 0.0180			
Message			QC Passes			
Action			Continue			
HI-0.1	1	8	0.0957	4.13	3/22/2006@3:28:37 PM	
Known Conc:			0.100			
DQM Test: > + Concentration Limit						
Result:			0.0957 < 0.110			
Message			Pass			
Action			None			
DQM Test: < - Concentration Limit						
Result:			0.0957 > 0.0900			
Message			QC Passes			
Action			Run Recalibration Set and Continue			

MBLANK	1	9	-8.92e-4	0.0133	3/22/2006@3:30:31 PM
		Known Conc:	0.00		
			DQM Test: > + Concentration Limit		
		Result:	-8.92e-4 < 0.00500		
		Message	Pass		
		Action	None		
LCS	1	10	0.100	4.32	3/22/2006@3:31:44 PM
		Known Conc:	0.100		
			DQM Test: > + Concentration Limit		
		Result:	0.100 < 0.110		
		Message	Pass		
		Action	None		
			DQM Test: < - Concentration Limit		
		Result:	0.100 > 0.0900		
		Message	LCS Passes		
		Action	Continue		
LCSD	1	10	0.0999	4.31	3/22/2006@3:33:37 PM
		Known Conc:	0.100		
			DQM Test: > + Concentration Limit		
		Result:	0.0999 < 0.110		
		Message	Pass		
		Action	None		
			DQM Test: < - Concentration Limit		
		Result:	0.0999 > 0.0900		
		Message	LCSD Passes		
		Action	Continue		
2603200005	1	11	-7.31e-4	0.0201	3/22/2006@3:35:32 PM
2603200005MS	1	12	0.107	4.59	3/22/2006@3:36:47 PM
2603200005MSD	1	13	0.104	4.50	3/22/2006@3:38:02 PM
		Spiking Conc:	0.100		
			DQM Test: > + Percent Recovery Limit		
		Result:	106.2 < 110.0		
		Message	Pass		
		Action	None		
			DQM Test: < - Percent Recovery Limit		
		Result:	106.2 > 90.0		
		Message	Pass		
		Action	None		
2603140194	1	14	0.00267	0.165	3/22/2006@3:39:16 PM
2603140195	1	15	3.62e-4	0.0667	3/22/2006@3:40:29 PM
2603140196	1	16	0.00529	0.277	3/22/2006@3:41:43 PM
2603140197	1	17	0.0281	1.25	3/22/2006@3:42:58 PM
2603140198	1	18	1.52e-4	0.0577	3/22/2006@3:44:12 PM
2603140199	1	19	0.00259	0.162	3/22/2006@3:45:27 PM
2603140200	1	20	-1.84e-5	0.0505	3/22/2006@3:46:41 PM
2603140201	1	21	-2.84e-4	0.0392	3/22/2006@3:47:55 PM
2603140202	1	22	0.00278	0.170	3/22/2006@3:49:11 PM
CCV	1	1	0.502	21.5	3/22/2006@3:50:25 PM
		Known Conc:	0.500		
			DQM Test: > + Concentration Limit		
		Result:	0.502 < 0.550		
		Message	Pass		
		Action	None		
			DQM Test: < - Concentration Limit		
		Result:	0.502 > 0.450		
		Message	CCV Passes		
		Action	Continue		
CCB	1	6	-7.22e-4	0.0205	3/22/2006@3:52:19 PM
		Known Conc:	0.00		
			DQM Test: > + Concentration Limit		
		Result:	-7.22e-4 < 0.00500		
		Message	CCB Passes		
		Action	Continue		
2603160050	1	23	0.00525	0.275	3/22/2006@3:54:15 PM
2603160050MS	1	24	0.102	4.41	3/22/2006@3:55:29 PM
		Spiking Conc:	0.100		
			DQM Test: > + Percent Recovery Limit		

Author: Tom Dude

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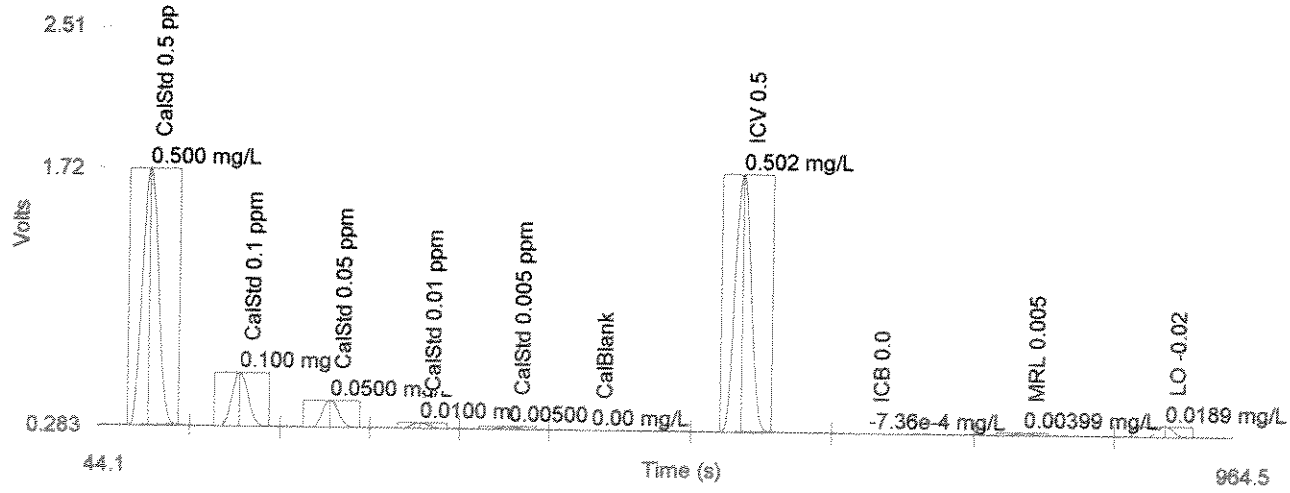
		Result:	97.0 < 110.0			
		Message	Pass			
		Action	None			
			DQM Test: < - Percent Recovery Limit			
		Result:	97.0 > 90.0			
		Message	Pass			
		Action	None			
2603160051	1	25	1.31e-4	0.0569	3/22/2006@3:56:44 PM	
2603160052	1	26	0.00440	0.239	3/22/2006@3:57:58 PM	
2603160053	1	27	0.0102	0.486	3/22/2006@3:59:14 PM	
2603160055	1	28	-8.09e-4	0.0168	3/22/2006@4:00:29 PM	
2603160056	1	29	-2.89e-4	0.0389	3/22/2006@4:01:43 PM	
2603140436	1	30	-7.10e-4	0.0210	3/22/2006@4:02:57 PM	
2603140472	1	31	-9.76e-4	0.00968	3/22/2006@4:04:14 PM	
2603150120	1	32	-4.59e-4	0.0317	3/22/2006@4:05:29 PM	
2603140427	1	33	-4.26e-4	0.0331	3/22/2006@4:06:44 PM	
CCV	1	2	0.103	4.44	3/22/2006@4:07:58 PM	
		Known Conc:	0.100			
			DQM Test: > + Concentration Limit			
		Result:	0.103 < 0.110			
		Message	Pass			
		Action	None			
			DQM Test: < - Concentration Limit			
		Result:	0.103 > 0.0900			
		Message	Pass			
		Action	None			
CCB	1	6	-0.00578	-0.195	3/22/2006@4:09:12 PM	
		Known Conc:	0.00			
			DQM Test: > + Concentration Limit			
		Result:	-0.00578 < 0.00500			
		Message	Pass			
		Action	None			
BLK	1	34	-7.38e-4	0.0198	3/22/2006@4:10:27 PM	

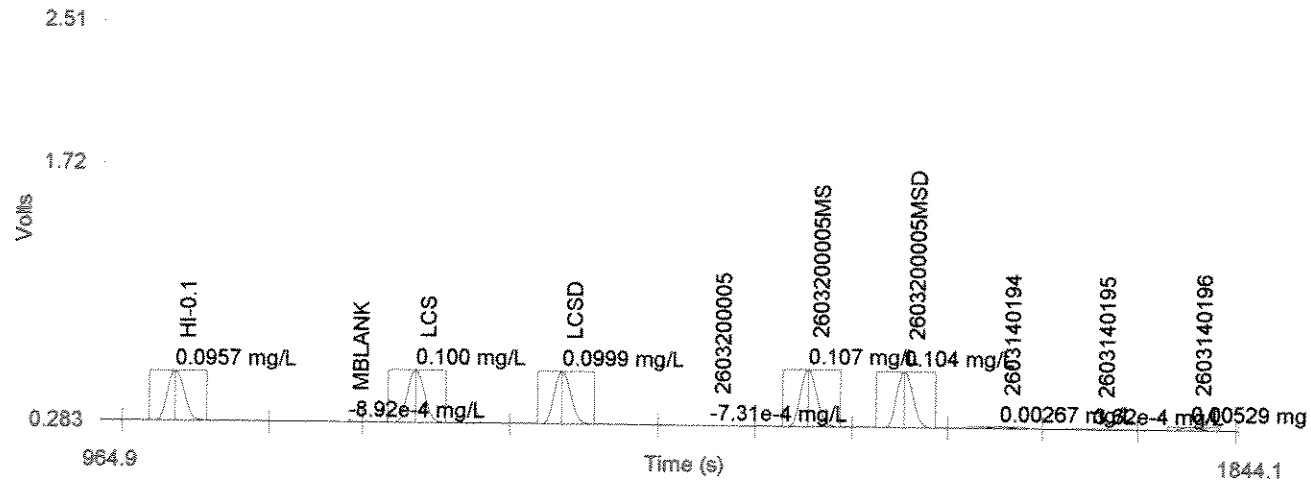
Channel 1: Set 1 of 5



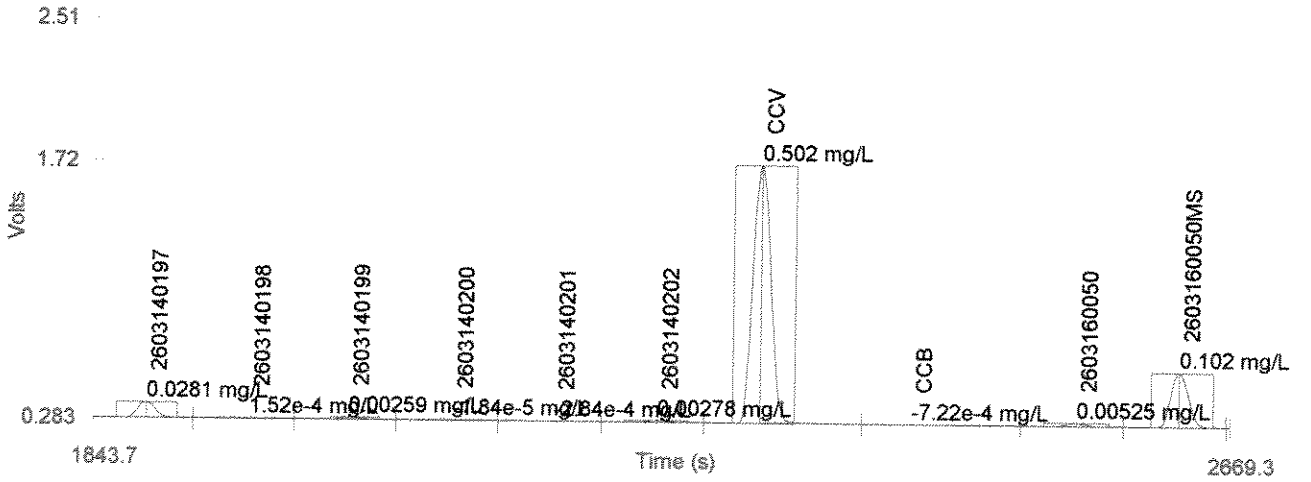
Author: Tom Dude

Date : 3/22/2006

Channel 1: Set 2 of 5



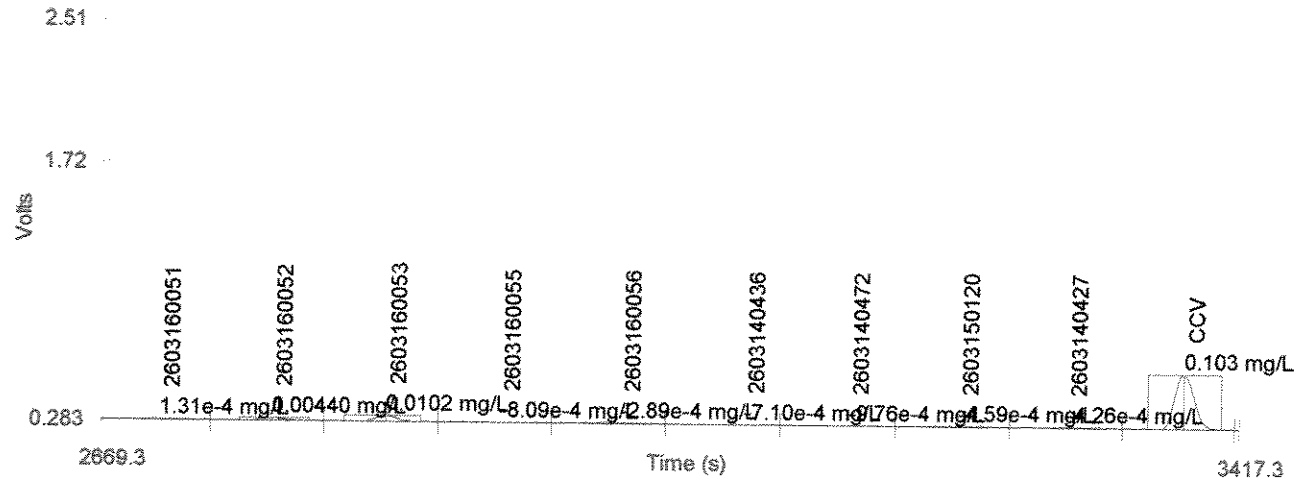
Channel 1: Set 3 of 5



Author: Tom Dude

Date : 3/22/2006

Channel 1: Set 4 of 5



Channel 1: Set 5 of 5

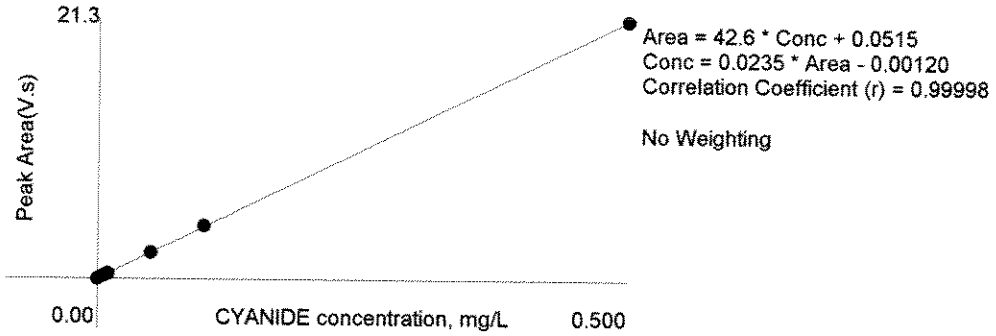
Table 1: CYANIDE

	Conc. (mg/L)	Rep	Peak Area (Volt-s)	Peak Height (Volts)	% Residual	Detection Date	Detection Time
1	0.500	1	21.3	1.43	0.1	3/22/2006	3:14:06 PM
2	0.100	1	4.41	0.300	-2.2	3/22/2006	3:15:19 PM
3	0.0500	1	2.20	0.149	-0.9	3/22/2006	3:16:33 PM
4	0.0100	1	0.455	0.0307	4.7	3/22/2006	3:17:46 PM
5	0.00500	1	0.222	0.0151	15.9	3/22/2006	3:18:58 PM
6	0.00	1	0.0208	0.00104		3/22/2006	3:20:12 PM

Author: Tom Dude

Date : 3/22/2006

Figure 1: CYANIDE



Referenced Methods:	CN^- / WICN⁻		
Start Date:	3.22.06	Init:	[illegible]/NM
Comp Date:		Init:	
QC'd:		Init:	
Solutions:	10 N NaOH	Prep Date:	R# 201248
	0.25N NaOH	Prep Date:	3.22.06
	5% NaOCl	Prep Date:	R# 201297
	Conc. H_2SO_4	Prep Date:	R# 201317
Room temp:		Chiller Temp:	
Bath temp:		Heater Temp:	120°C

Batch #:			
Matrix:			
Reagent H2O:		mfg/lot	260322-
Solvent:	ACETATE BUFFER	mfg/lot	R# NINA ~~260417~~
	ZINC ACETATE SOLN	mfg/lot	R# NINA ~~260402~~ 3
		mfg/lot	260322-
Salt:		mfg/lot	A2
		mfg/lot	
Disk/Cartridge:		mfg/lot	
Vacuum (in Hg):			

Surr Spk Soln#:		Exp:	Volume:	Syringe Lot #:
IS Spk Soln#:		Exp:	Volume:	Syringe Lot #:
LFB/LFM Spk Soln#:		Exp:	Volume:	Syringe Lot #:
LFB/LFM Spk Soln#:		Exp:	Volume:	Syringe Lot #:
LFB/LFM Spk Soln#:		Exp:	Volume:	Syringe Lot #:
MDL Spk Soln#:		Exp:	Volume: 5²	Syringe Lot #:

Group	Sample #	Client Code	Sample Source	pHi	~~pHf~~	Cl- ppm	Vi (mL)	Vf (mL)	Comments
	260320 0005	PEPSI PAK-2	P110306 / 20:06	12	ND	ND	50	50	SPIKED BOTTLE
	260314 0194	PHOENIX - AZ	2006 014 296						
	0195		014 295						
	0196		014 294						
	0197		014 355						
	0198		014 354						
	0199		014 458						
	0200		014 511						
	0201		014 506						
	0202		014 507						
	260316 0050	PHOENIX - AZ	2006 014 705						SPIKED
	0051		014 960						
	0052		014 967						
	0053		014 774						
	~~0055~~		014 740						
	0056		014 731						
	260314 0436	ENSR - TRONOX	TR - 10A						
	0472		RINSE BLANK						
	260315 0120		TR - 9A						
	260314 0427	KNI - NP	STABILIZED WATER						
LRB									
LFB1									
LFB2	STD CAL	R# 201122	EXP. 10 / 2006						
LFB3									
LFM	STD LCC	R# 201266	EXP. 4 / 2006						
LFMD									
DUP									
LFM2									

Batch Comments:

Reagent Preparation Documentation

Reagent: Cr^{+6} buffer solution
Date Received/Prepped: 29Aug04/30Sep04/1Nov04/2Dec04/31Dec04/26Jan05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR040829-1
By: LMR
Matrix: aq
Amount: 100ml
Lot #:

Component	Comment	Standard	Concentration
Ammonium Sulfate	33g dissolved in ~60 ml DI H_2O	R200876	
Ammonium Hydroxide	6.5 ml added	R200799	
	bring to volume w/ DI H_2O	R201015 (2Dec04)	

Comment: 28Feb05; 29Mar05; 5/2/05; 6/2/05; 7/2/05; 8/2/05; 9/3/05; 8/4/05; 11/5/05; 12/5/05; 1/6/06; 2/6/06 3/6/06; 4/6/06; 5/1/06

Reagent: Cr^{+6}-low Color Reagent
Date Received/Prepped: 9/5/04 /9/13/04 /9/21/04 /9/22/04 /10/5/04 /10/12/04; 10/18/04;
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR040905-1
By: LMR
Matrix: aq/organic
Amount: 2-L
Lot #:

Component	Comment	Standard	Concentration
1,5 diphenylcarbohydrazide	1g dissolved in	R200590	
Methanol	180 ml using a 2000 ml volumetric flask	R200968	
H_2SO_4 concentrated	56 ml diluted to ~1000 ml w/ DI H_2O in an erlenmeyer		
	flask - cool before adding to MeOH solution		
	Phosphoric acid solution into MeOH solution and dilute to		
	mark w/ DI H_2O. Allow to sit 6-8 hrs before using		

Comment: 10/25/04; 11/1/04; 11/8/04; 11/15/04; 11/22/04; 11/29/04; 12/6/04; 12/13/04; 12/20/04; 12/28/04; 1/7/05; 1/14/05; 1/21/05
See page 24

Reagent: DBP Eluent Concentrate Stock Solution
Date Received/Prepped: 6Oct04 /1Dec04 /1/27/05 /1Feb05 / /
Date Expired: 6Jan05 /1Mar05 / / / /
Manufacturer:
Storage Condition:

MW #: LMR041006-1
By: LMR
Matrix: aq
Amount: 1-L
Lot #: NA

Component	Comment	Standard	Concentration
Sodium Carbonate	52.8g dissolved in 1-L DI H_2O using a volumetric flask	R200786	

Comment: Dilute 31.6 ml to 2-L using DI H_2O in a volumetric flask for daily working solution

Reagent Preparation Documentation

Page: 1

Reagent: Cr^{+6} low LCS Stock Solution - 1 ppm
Date Received/Prepped: 28 Feb 05 / 29 Mar 05 / 2 May 05 / 2 Jun 05 / 2 Jul 05 / 2 Aug 05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050228-1
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
Absolute Std 1000 ppm	100 µl in 100 ml DI H_2O	R201081	
exp 14 Jan 08			

Comment: 4 Sep 05; 10/4/05; 11/8/05; 12/5/05; 1/6/06; 1/25/06; 2/26/06; 3/20/06; 4/20/06; 5/1/06

Reagent: Cr^{+6}-low LCS Std - 2 ppb
Date Received/Prepped: 28 Feb 05 / 7 Mar 05 / 14 Mar 05 / 21 Mar 05 / 29 Mar 05 / 4 Apr 05; 11 Apr 05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050228-2
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
Cr^{+6} low LCS Stock	200 µl into ~90 ml DI H_2O		
(LMR050228-1)	bring to 100 ml final volume w/ DI H_2O in		
	100 ml vol. flask		
	1 ml added AFTER solution at final volume		
3/6/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/20/06; 5/1/06			

Comment: 18 Apr 05; 25 Apr 05; 2 May 05; 5/9/05; 5/16/05; 5/23/05; 6/2/05; 6/10/05; 6/17/05; 6/24/05; 7/1/05; 7/11/05; 7/19/05; 7/25/05; 8/2/05; 8/8/05; 8/17/05; 8/23/05; 8/29/05; 9/4/05; 9/12/05; 9/19/05; 9/26/05; 10/4/05; 10/10/05; 10/17/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 11/28/05; 12/5/05; 12/19/05; 12/27/05; 1/3/06; 1/6/06; 1/11/06; 1/23/06; 1/25/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/26/06; 3/6/06;

Reagent: BrO_3 LCS stock std - 1 ppm
Date Received/Prepped: 5 May 05 / 8 Jan 06 / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050505-1
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
High Purity 1000 ppm	100 µl diluted to 100 ml w/ DI H_2O	R201141	1000 ppb
exp. 11 Nov 06			
	for MS/MSD use 25 µl/5 ml = 5 ppb spike		

Comment:

Reagent Preparation Documentation

Reagent: 300.1 Multi-Element Stock ClO_2-ClO_3 LCS std
Date Received/Prepped: 7.23.05 / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050723-2
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration
ClO_2-1000ppm Inorganic Ventures exp. 6.1.06	1ml } Dilute to 100ml w/DI H_2O	R201147	10ppm
ClO_3-1000ppm High Purity exp. Feb 06	1ml }	R201064	10ppm

Comment:
10µl → 5ml for MS/MSD

Reagent: 300.1 Multielement LCS working std
Date Received/Prepped: 7.23.05 / 8.20.05 / 9.04.05 / 9.26.05 / 10.18.05 / 11.02.05 / 11.14.05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050723-3
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration (ppb)
BrO_3-1000ppb	1000µl }	LMR050505-1	10
Anion Mix LCS std	200µl } Dilute to 100ml	LMR050723-1 (b)	Br-10 Cl-500 SO4-1000 NO3-50 NO2-20 PO4-200
ClO_2/ClO_3 LCS std	500µl } w/DI H_2O	LMR050723-2	50 each
	50µl }	A40005194	

Comment: 12.4.05 / 12.15.05 / 1.3.06 / 1.19.06

Reagent: Cr^{+6}-low Color Reagent
Date Received/Prepped: 6/27/05 / 7/2/05 / 7/11/05 / 7/19/05 / 7/25/05 / 8/1/05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050627-1
By: LMR
Matrix: aq
Amount: 2-L
Lot #: —

Component	Comment	Standard	Concentration
1,5 Diphenylcarbazide	1.0g dissolved in	R201077	
Methanol	180ml using a 2-L volumetric flask	R201138/R201299 on 1/3/06	
H_2SO_4-concentrated	516ml added to ~1600ml DI H_2O in an	R201300 on 3/6/06	
	erlenmeyer flask (cooled before adding to MeOH		
	solution). Pour acid solution into MeOH solution		
	and dilute to mark w/DI H_2O. Allow to sit 6-8hrs before use.		

Comment: 8/3/05; 8/16/05; 8/17/05; 8/18/05; 8/21/05; 8/28/05; 9/4/05; 9/12/05; 9/19/05; 9/26/05; 10/4/05; 10/10/05; 10/18/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 12/5/05; 12/19/05; 1/3/06; 1/10/06; 1/17/06; 1/23/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/27/06; 3/6/06; 3/13/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/24/06; 5/1/06

Reagent Preparation Documentation

Reagent: 300.1 Multi-element Calibration Std. - 7
Date Received/Prepped: 8.25.05 / 9.4.05 / 9.26.06 / 10.18.05 / 11.2.05 / 11.15.05 / 12.15.06
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050825-9
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration (ppb)
BrO_3 - 1000 ppb	5000 µl	LMR050109-3	50
ClO_2 / ClO_3 - 10 ppm	2000 µl Dilute to 100 ml	LMR050825-1	200 ea
Anion Cal. Mix	2000 µl w/ DI H_2O	LMR050825-2	Br-80; NO_2/NO_3-200 Cl-2000 SO_4-4000
EDA	50 µl	ALI000519-1	ODO_4-1000

Comment: 1.6.06

Reagent: Cr^{+6}-low Calibration Stock Soln - 1000 ppb
Date Received/Prepped: 4 Sep 05 / ~~4 Sep 05~~ 4 Oct 05 / 5 Nov 05 / 5 Dec 05 / 6 Jan 06 / 25 Jan 06
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: ~~MT~~ LMR050904-1
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
Inorganic Ventures exp 1 May 06	100 µl diluted to 100 ml w/ DI H_2O	R201134	

Comment: 2/24/06, 3/20/06; 4/20/06

Reagent: Cr^{+6}-low calibration std - 0.2 ppb
Date Received/Prepped: 4 Sep 05 / 12 Sep 05 / 19 Sep 05 / 26 Sep 05 / 4 Oct 05 / 10 Oct 05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050904-2
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
1000 ppb Cr^{+6} base std	20 µl diluted to 100 ml using DI H_2O	LMR050904-1	
buffer soln	1.0 ml - added AFTER dilution to mark	LMR040829-1	

Comment: 10/19/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 11/28/05; 12/5/05; 12/12/05; 12/19/05; 12/27/05; 1/3/06; 1/6/06; 1/16/06; 1/23/06; 1/25/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/26/06; 3/6/06; 3/13/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/20/06

Reagent Preparation Documentation

Reagent: Cr^{+6}-low calibration std. - 2.0 ppb
Date Received/Prepped: 4Sep05/12Sep05/19Sep05/26Sep05/4Oct05/10Oct05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: 050904-3 LMR040
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration
1000 ppb Cr^{+6}-low std	200µl diluted to 100ml using DI H_2O	LMR050904-1	
buffer	1.0ml added AFTER dilution to mark	LMR040829-1	

Comment: 10/17/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 11/28/05; 12/5/05; 12/12/05; 12/19/05; 12/27/05; 1/3/06; 1/16/06; 1/16/06; 1/23/06; 1/25/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/24/06, 3/6/06; 3/13/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/20/06

Reagent: Cr^{+6}-low calibration std - 10.0 ppb
Date Received/Prepped: 4Sep05/12Sep05/19Sep05/26Sep05/4Oct05/10Oct05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050904-4
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration
1000 ppb Cr^{+6}-low std	1.0ml diluted to 100ml using DI H_2O	LMR050904-1	
buffer	1.0ml added AFTER dilution to mark	LMR040829-1	

Comment: 10/17/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 11/28/05; 12/5/05; 12/12/05; 12/19/05; 12/27/05; 1/3/06; 1/16/06; 1/16/06; 1/23/06; 1/25/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/24/06; 3/6/06; 3/13/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/20/06

Reagent: Cr^{+6}-low calibration std - 20.0 ppb
Date Received/Prepped: 4Sep05/12Sep05/19Sep05/26Sep05/4Oct05/10Oct05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050904-5
By: LMR
Matrix: aq
Amount: 100ml
Lot #: —

Component	Comment	Standard	Concentration
1000 ppb Cr^{+6}-low std	2.0 ml diluted to 100 ml using DI H_2O	LMR050904-1	
buffer	1.0 ml added AFTER dilution to mark	LMR040829-1	

Comment: 10/17/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/21/05; 11/28/06; 12/5/05; 12/12/06; 12/19/05; 12/29/06; 1/3/06; 1/16/06; 1/16/06; 1/23/06; 1/25/06; 1/30/06; 2/6/06; 2/13/06; 2/20/06; 2/24/06; 3/6/06; 3/13/06; 3/20/06; 3/27/06; 4/3/06; 4/10/06; 4/17/06; 4/20/06

Reagent Preparation Documentation

Reagent: Cr^{+6}-low calibration std - 50.0 ppb
Date Received/Prepped: 4 Sep05/12 Sep05/19 Sep05/26 Sep05/4 Oct 05/10 Oct 05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR050504-6 (b) 50904
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: —

Component	Comment	Standard	Concentration
1000 ppb Cr^{+6}-low std	5.0 ml diluted to 100 ml using DI H_2O	LMR050904-1	
buffer	1.0 ml added AFTER dilution to final mark	LMR040829-1	

Comment: 10/17/05; 10/24/05; 10/31/05; 11/5/05; 11/14/05; 11/16/05; 11/23/05; 12/5/05; 12/12/05; 12/15/05; 12/27/05; 1/3/06; 1/6/06; 1/10/06; 1/13/06; 1/25/06; 1/26/06; 2/6/06; 2/13/06; 2/20/06; 2/24/06; 3/6/06; 3/13/06; 3/20/06; 3/29/06; 4/3/06; 4/10/06; 4/19/06; 4/20/06

Reagent: DCA Internal Std.
Date Received/Prepped: 30 Sep05/ / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: 051003-1 ~~LMR100~~
By: LMR
Matrix: aq
Amount: 200 ml
Lot #: —

Component	Comment	Standard	Concentration
Potassium Dichloroacetate	0.13 g dissolved in 200 ml DI H_2O	R300004	

Comment:

Reagent: BrO_3 color Reagent
Date Received/Prepped: 10/18/05/10/21/05 2x2000 /10/22/05 /10/24/05 /11/2/05 /11/7/05/11/10/05/11/14/05
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #: LMR051018-1
By: LMR
Matrix: aq
Amount: 2-L
Lot #: —

Component	Comment	Standard	Concentration
o-dianisidine (ODA)	1g dissolved in 400 ml HPLC Grade Methanol	R201258 R200637 (b)	
KBr	10g dissolved in ~1.4L DI H_2O	R201114	
Ultrex HNO_3	160 ml	R201227	
		R201253 (11/7/05 → 11/2/05	
		R201271 (11/15/05, 11/18/05, 11/22/05, 11/30/05, 12/6/05, 12/9/05	
		R201279 (12/16/05, 12/16/05, 12/20/05) R201298 (12/30/05: 1/3/06, 1/10/06, 1/19/06: 1/20/06)	

Comment: Add ODA to Methanol and dissolve. In a 2-L vol flask dissolve KBr into DI H_2O. Add HNO_3 to KBr solution. Add ODA to KBr/HNO_3 solution + dilute to mark w/ DI H_2O. Solution must be clear w/i 30 min. Solution must stand minimum 6 hrs before using. Best is to stand overnight.

No.	Sample Name	Time	Dil.Fac.	Amount	Comment	Analyst:	lmr
				CRVI-LOW			
				UV_VIS_1		Criteria	
1,	Standard 1 - 0.1ppb	02/24/06 09:56,	1.0,	0.105	Standard Stock		
2,	Standard 2 - 0.2 ppb	02/24/06 10:04,	1.0,	0.204	LMR050904-1		
3,	Standard 3 - 2.0 ppb	02/24/06 10:12,	1.0,	2.038	exp 25 Feb 06		
4,	Standard 4 - 10 ppb	02/24/06 10:20,	1.0,	10.075			
5,	Standard 5 - 20 ppb	02/24/06 10:29,	1.0,	20.158			
6,	Standard 6 - 50ppb	02/24/06 10:37,	1.0,	49.920			
7,	IPC 20	03/14/06 08:30,	1.0,	20.685	QC from LMR050904-1		
8,	IPC 10	03/14/06 08:38,	1.0,	10.526	exp 26 Mar 06		
9,	LRB	03/14/06 08:46,	1.0,	n.a.			
10,	LRB + Buffer	03/14/06 08:54,	1.0,	0.010			
11,	MRL 0.1ppb	03/14/06 09:02,	1.0,	0.108			
12,	LCS 2.0ppb	03/14/06 09:10,	1.0,	2.044			
13,	LCSD 2.0ppb	03/14/06 09:18,	1.0,	2.080			
14,	2603140472	03/14/06 10:46,	1.0,	0.024	30min post HT 7199		
15,	2603140436	03/14/06 10:54,	1.0,	56.736	rerun over range		
16,	2603140436_MS	03/14/06 11:02,	1.0,	59.073			
17,	2603140436_MSD	03/14/06 11:10,	1.0,	58.877			
18,	2603140165	03/14/06 11:18,	1.0,	n.a.		MRL 50%-150%	
19,	2603140166	03/14/06 11:26,	1.0,	6.799		0.05 - 0.15ppb	
20,	2603140436 (1:2)	03/14/06 11:34,	2.0,	57.012		LCS 90%-110%	
21,	2603140436 (1:2)_MS	03/14/06 11:42,	1.0,	30.245	1.74 - 86.9% - low	Range: 1.80 - 2.20	
22,	2603140436 (1:2)_MSD	03/14/06 11:50,	1.0,	30.282	1.78 - 88.8% - low	MS/MSD 90%-110%	
23,	LRB	03/14/06 11:58,	1.0,	0.004		True Value = 2.0	
24,	IPC 20	03/14/06 12:07,	1.0,	20.852		IPC 95%-105%	
25,	2603140492	03/14/06 13:14,	1.0,	10.302		20ppb - 19-21ppb	
26,	2603140492_MS	03/14/06 13:22,	1.0,	12.237	1.94 - 96.8% recovery	10ppb - 9.5-10.5 ppb	
27,	2603140492_MSD	03/14/06 13:30,	1.0,	12.389	2.09 - 104% recovery		
28,	LRB	03/14/06 13:38,	1.0,	0.006			
29,	IPC 20	03/14/06 13:46,	1.0,	20.899			

Sequence: 031406-IC5-CRVI
Operator: lmr

Title: CRVI-LOW
Datasource: IC-SERVER-2_local
Location: 2006\March
Timebase: IC-#5
#Samples: 29

Created: 3/13/2006 10:10:12 PM by Administrator
Last Update: 3/17/2006 8:52:18 PM by Administrator

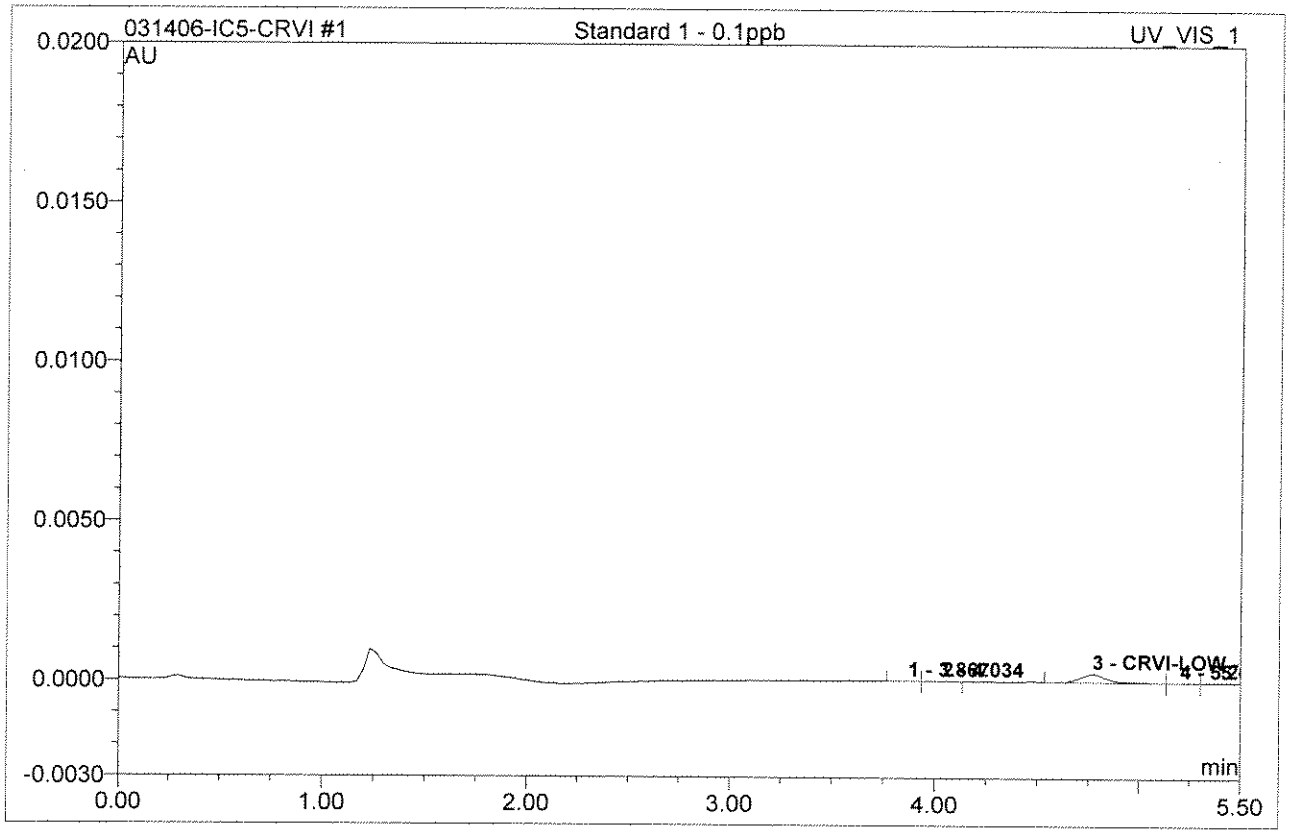
No.	Name	Dil. Factor	Type	Comment	Program	Method
1	Standard 1 - 0.1ppb	1.0000	Standard	Standard Stock	CRVI-LOW-loop	5-IC#5-CrVi
2	Standard 2 - 0.2 ppb	1.0000	Standard	LMR050904-1	CRVI-LOW-loop	5-IC#5-CrVi
3	Standard 3 - 2.0 ppb	1.0000	Standard	exp 25 Feb 06	CRVI-LOW-loop	5-IC#5-CrVi
4	Standard 4 - 10 ppb	1.0000	Standard		CRVI-LOW-loop	5-IC#5-CrVi
5	Standard 5 - 20 ppb	1.0000	Standard		CRVI-LOW-loop	5-IC#5-CrVi
6	Standard 6 - 50ppb	1.0000	Standard		CRVI-LOW-loop	5-IC#5-CrVi
7	IPC 20	1.0000	Unknown	QC from LMR050904-1	CRVI-LOW-loop	5-IC#5-CrVi
8	IPC 10	1.0000	Unknown	exp 26 Mar 06	CRVI-LOW-loop	5-IC#5-CrVi
9	LRB	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
10	LRB + Buffer	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
11	MRL 0.1ppb	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
12	LCS 2.0ppb	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
13	LCSD 2.0ppb	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
14	2603140472	1.0000	Unknown	30min post HT 7199	CRVI-LOW-loop	5-IC#5-CrVi
15	2603140436	1.0000	Unknown	rerun over range	CRVI-LOW-loop	5-IC#5-CrVi
16	2603140436_MS	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
17	2603140436_MSD	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
18	2603140165	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
19	2603140166	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
20	2603140436 (1:2)	2.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
21	2603140436 (1:2)_MS	1.0000	Unknown	1.74 - 86.9% - low	CRVI-LOW-loop	5-IC#5-CrVi
22	2603140436 (1:2)_MSD	1.0000	Unknown	1.78 - 88.8% - low	CRVI-LOW-loop	5-IC#5-CrVi
23	LRB	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
24	IPC 20	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
25	2603140492	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
26	2603140492_MS	1.0000	Unknown	1.94 - 96.8% recovery	CRVI-LOW-loop	5-IC#5-CrVi
27	2603140492_MSD	1.0000	Unknown	2.09 - 104% recovery	CRVI-LOW-loop	5-IC#5-CrVi
28	LRB	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi
29	IPC 20	1.0000	Unknown		CRVI-LOW-loop	5-IC#5-CrVi

Title: CRVI-LOW
Datasource: IC-SERVER-2_local
Location: 2006\March
Timebase: IC-#5
#Samples: 29
Created: 3/13/2006 10:10:12 PM by Administrator
Last Update: 3/17/2006 8:52:18 PM by Administrator

No.	Status	Inj. Date/Time	*Analyst
1	Finished	2/24/2006 9:56:39 AM	lmr
2	Finished	2/24/2006 10:04:44 AM	lmr
3	Finished	2/24/2006 10:12:51 AM	lmr
4	Finished	2/24/2006 10:20:57 AM	lmr
5	Finished	2/24/2006 10:29:02 AM	lmr
6	Finished	2/24/2006 10:37:08 AM	lmr
7	Finished	3/14/2006 8:30:20 AM	wbh
8	Finished	3/14/2006 8:38:26 AM	wbh
9	Finished	3/14/2006 8:46:32 AM	wbh
10	Finished	3/14/2006 8:54:38 AM	wbh
11	Finished	3/14/2006 9:02:44 AM	wbh
12	Finished	3/14/2006 9:10:50 AM	wbh
13	Finished	3/14/2006 9:18:56 AM	wbh
14	Finished	3/14/2006 10:46:03 AM	wbh
15	Finished	3/14/2006 10:54:08 AM	lmr
16	Finished	3/14/2006 11:02:14 AM	lmr
17	Finished	3/14/2006 11:10:20 AM	lmr
18	Finished	3/14/2006 11:18:26 AM	lmr
19	Finished	3/14/2006 11:26:32 AM	lmr
20	Finished	3/14/2006 11:34:38 AM	lmr
21	Finished	3/14/2006 11:42:44 AM	lmr
22	Finished	3/14/2006 11:50:50 AM	lmr
23	Finished	3/14/2006 11:58:56 AM	lmr
24	Finished	3/14/2006 12:07:02 PM	lmr
25	Finished	3/14/2006 1:14:09 PM	lmr
26	Finished	3/14/2006 1:22:14 PM	lmr
27	Finished	3/14/2006 1:30:20 PM	lmr
28	Finished	3/14/2006 1:38:26 PM	lmr
29	Finished	3/14/2006 1:46:32 PM	lmr

1 Standard 1 - 0.1ppb

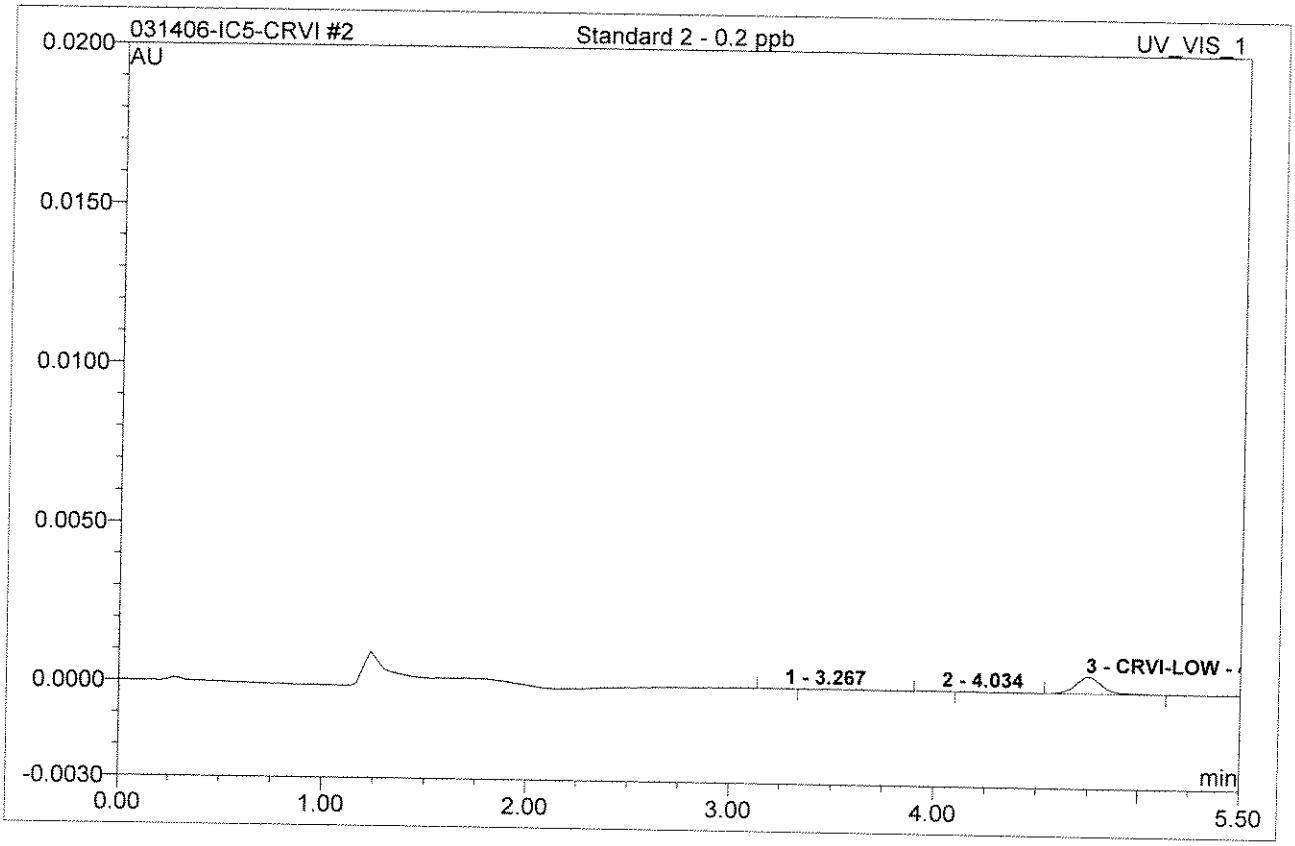
Sample Name:	**Standard 1 - 0.1ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 9:56**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.87	n.a.	0.000	0.0000005	1.06	n.a.	BM
2	4.03	n.a.	0.000	0.0000007	1.56	n.a.	MB
3	4.77	CRVI-LOW	0.000	0.0000415	94.61	0.105	BMb
4	5.20	n.a.	0.000	0.0000004	0.99	n.a.	bMb
5	5.40	n.a.	0.000	0.0000008	1.78	n.a.	bMB
Total:			0.000	0.000	100.00	0.105	

2 Standard 2 - 0.2 ppb

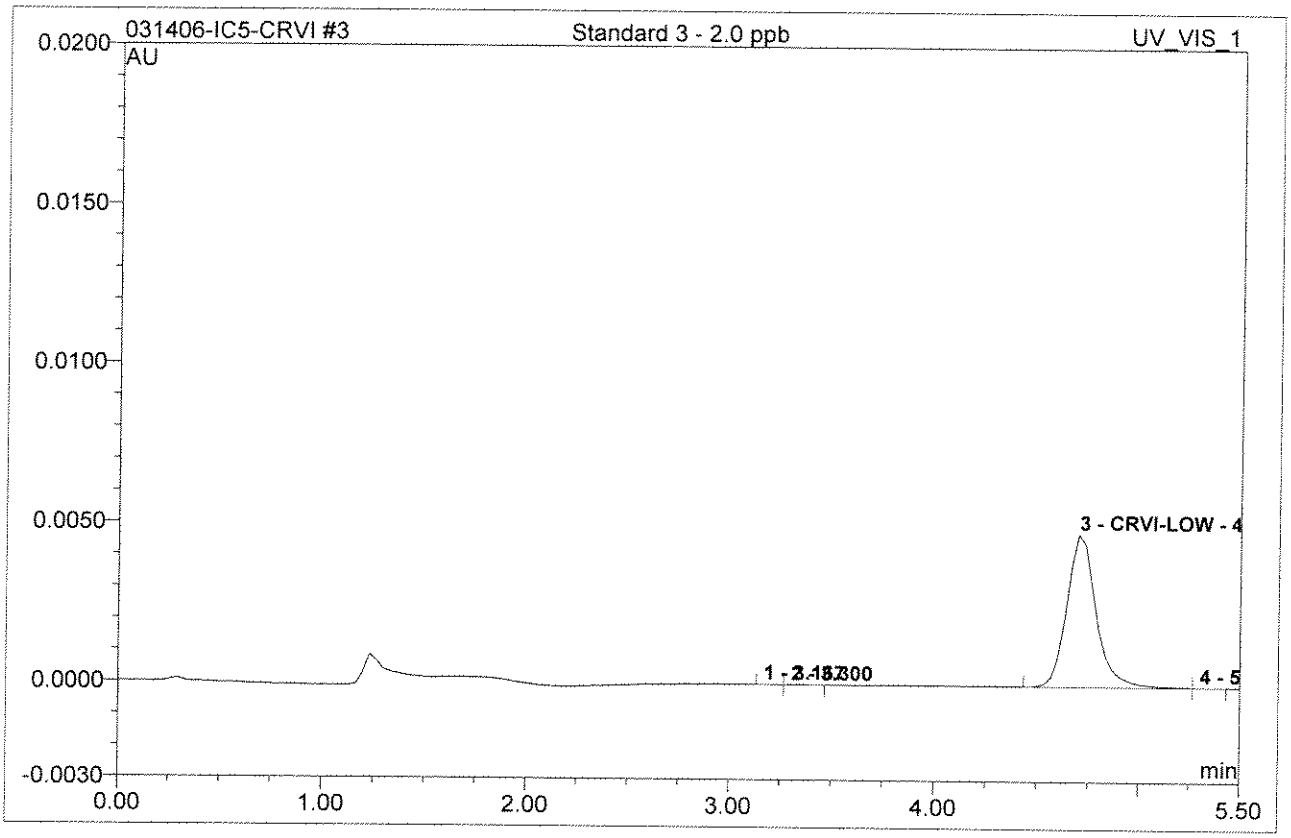
Sample Name:	**Standard 2 - 0.2 ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 10:04**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.27	n.a.	0.000	0.0000007	0.90	n.a.	BMB
2	4.03	n.a.	0.000	0.0000009	1.06	n.a.	BMB
3	4.73	CRVI-LOW	0.001	0.0000802	98.04	0.204	BMB
Total:			0.001	0.000	100.00	0.204	

3 Standard 3 - 2.0 ppb

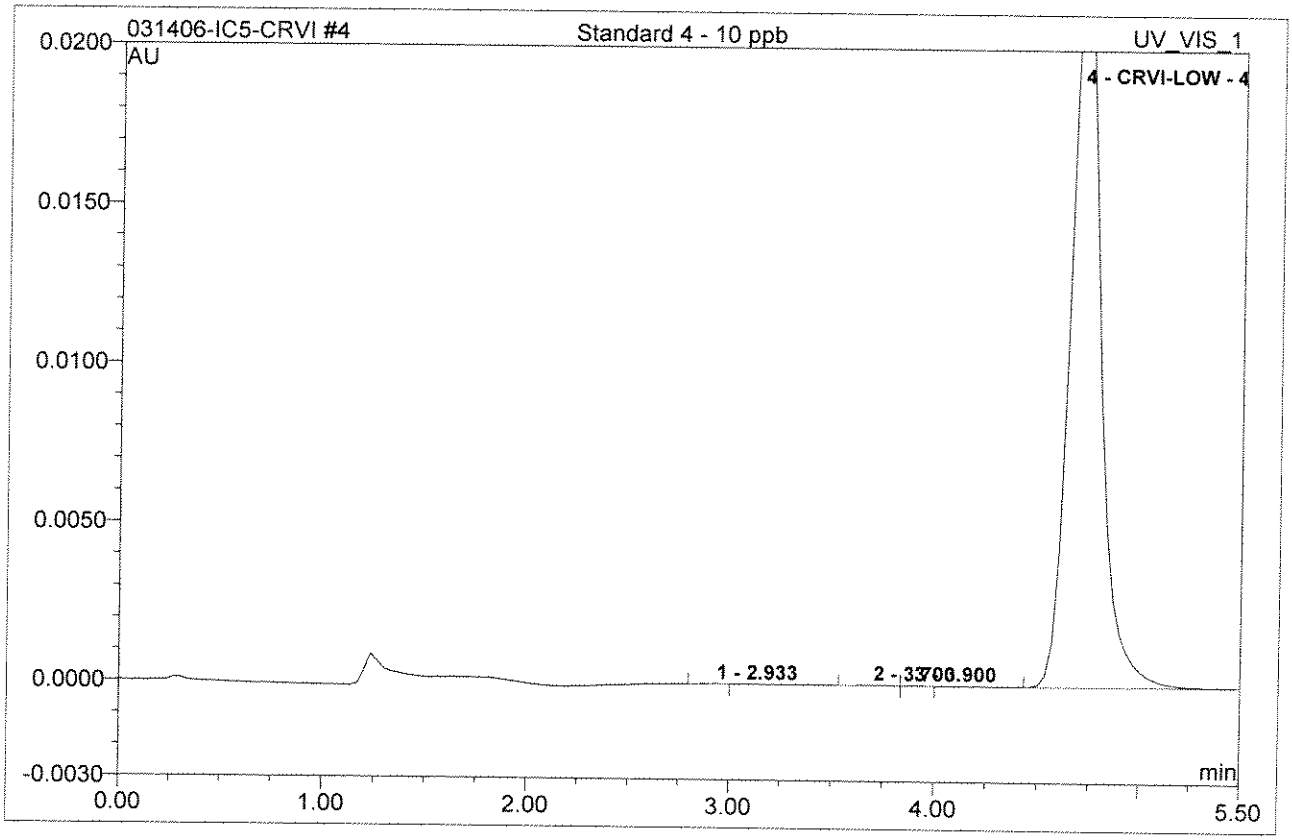
Sample Name:	**Standard 3 - 2.0 ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 10:12**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.17	n.a.	0.000	0.0000005	0.07	n.a.	BMb
2	3.30	n.a.	0.000	0.0000003	0.04	n.a.	bMB
3	4.70	CRVI-LOW	0.005	0.0008028	99.83	2.038	BM
4	5.30	n.a.	0.000	0.0000005	0.06	n.a.	MB
Total:			0.005	0.001	100.00	2.038	

4 Standard 4 - 10 ppb

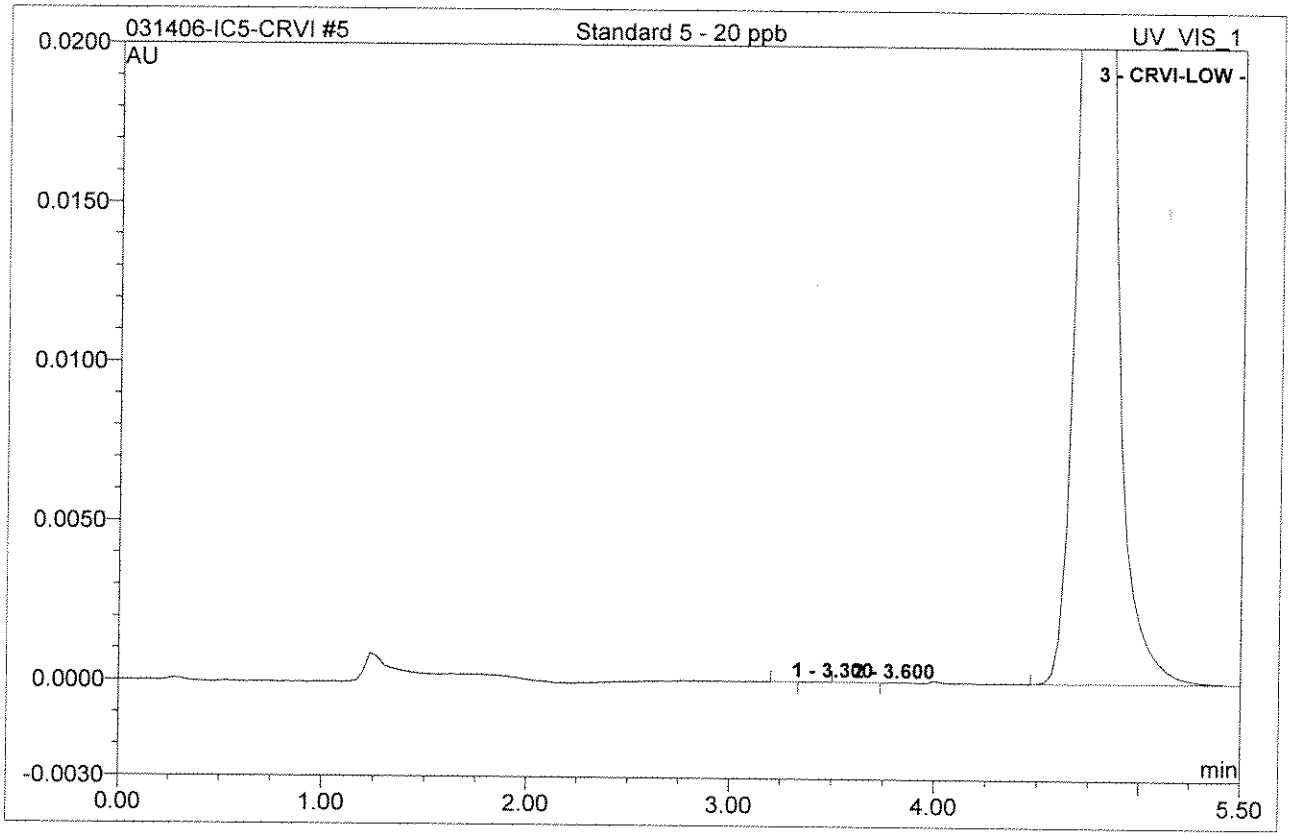
Sample Name:	**Standard 4 - 10 ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 10:20**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	2.93	n.a.	0.000	0.0000011	0.03	n.a.	BMB
2	3.70	n.a.	0.000	0.0000021	0.05	n.a.	BM
3	3.90	n.a.	0.000	0.0000008	0.02	n.a.	MB
4	4.70	CRVI-LOW	0.024	0.0039694	99.90	10.075	BMB
Total:			0.024	0.004	100.00	10.075	

5 Standard 5 - 20 ppb

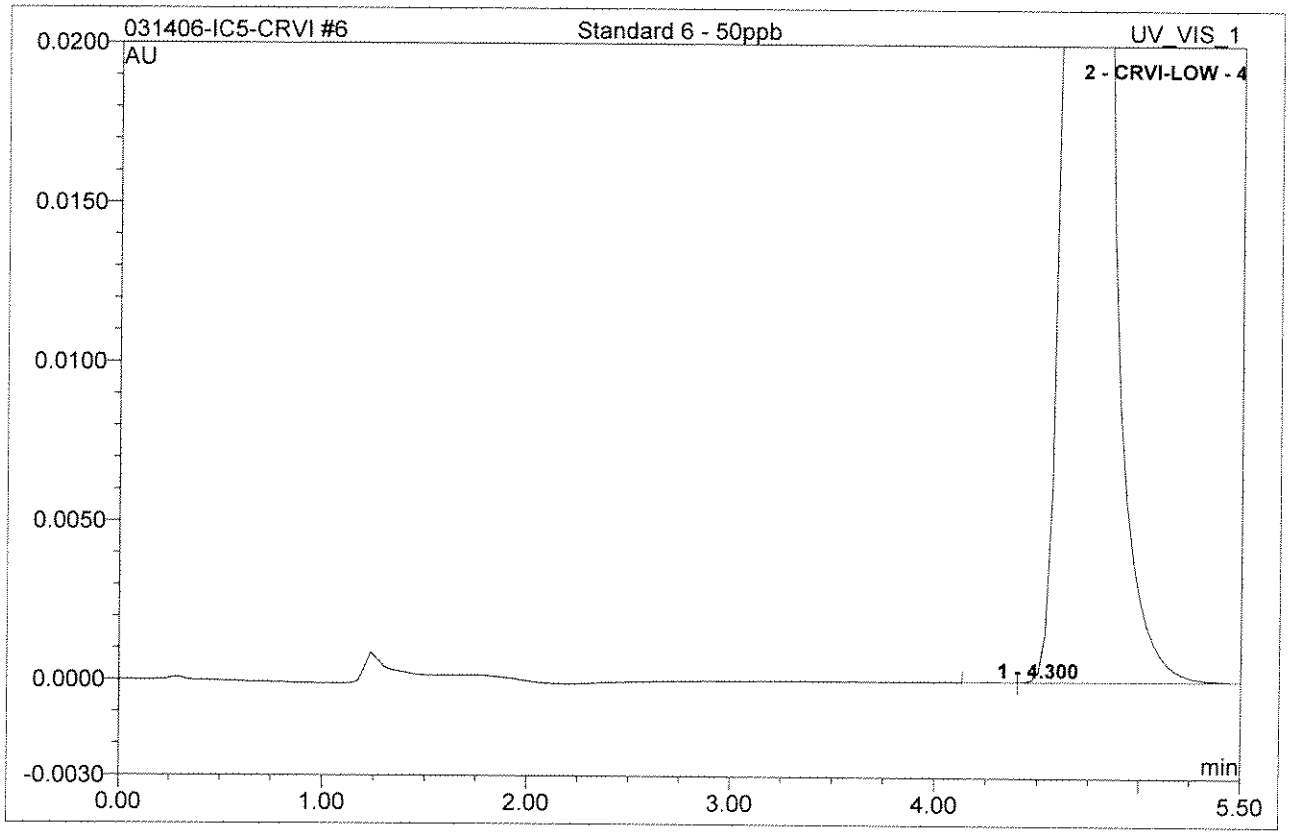
Sample Name:	**Standard 5 - 20 ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 10:29**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.30	n.a.	0.000	0.0000002	0.00	n.a.	BMB
2	3.60	n.a.	0.000	0.0000006	0.01	n.a.	BMB
3	4.77	CRVI-LOW	0.048	0.0079424	99.99	20.158	BMB
Total:			0.048	0.008	100.00	20.158	

6 Standard 6 - 50ppb

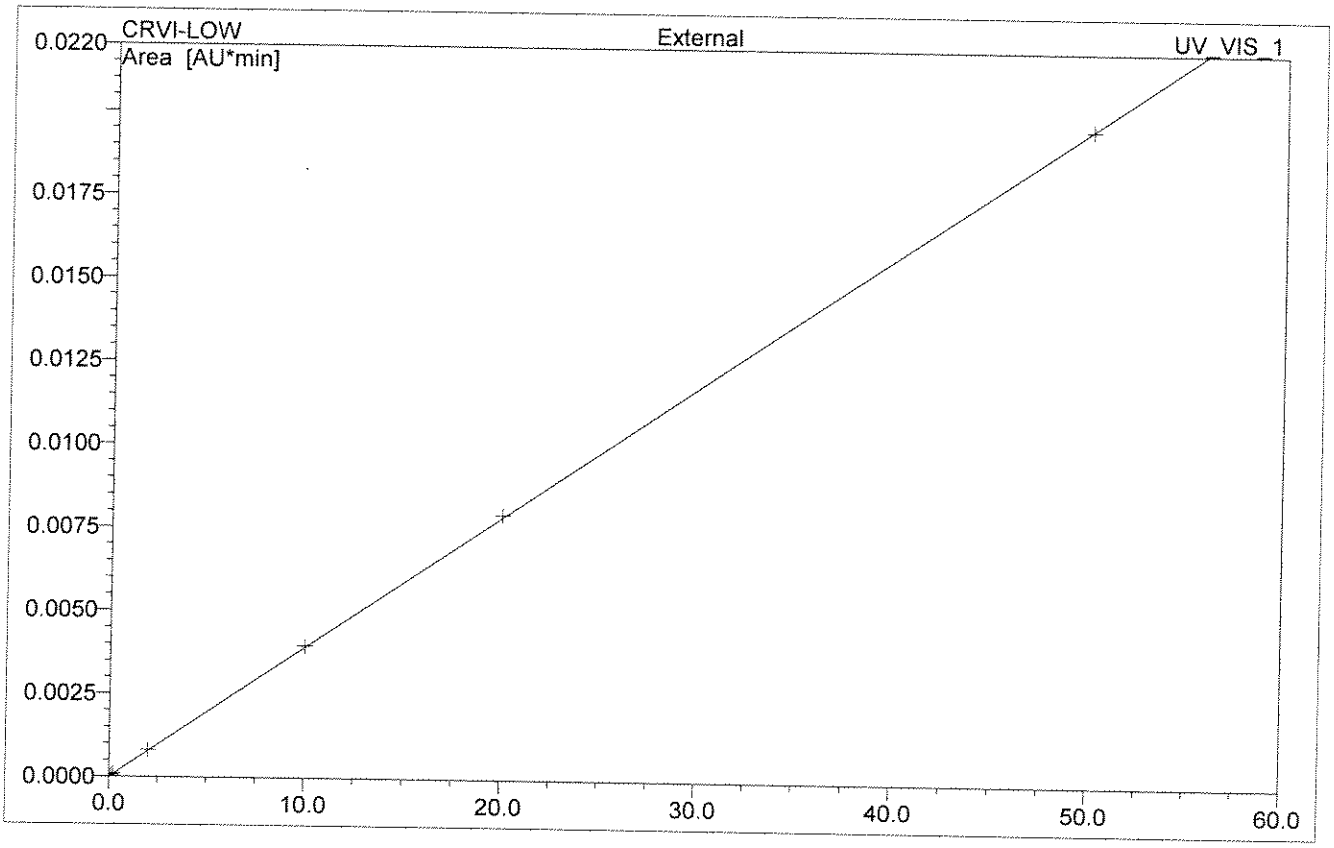
Sample Name:	**Standard 6 - 50ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**standard**	*Recording Time:*	**2/24/2006 10:37**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.30	n.a.	0.000	0.0000012	0.01	n.a.	BMB
2	4.70	CRVI-LOW	0.116	0.0196684	99.99	49.920	bMB
Total:			0.116	0.020	100.00	49.920	

6 Standard 6 - 50ppb

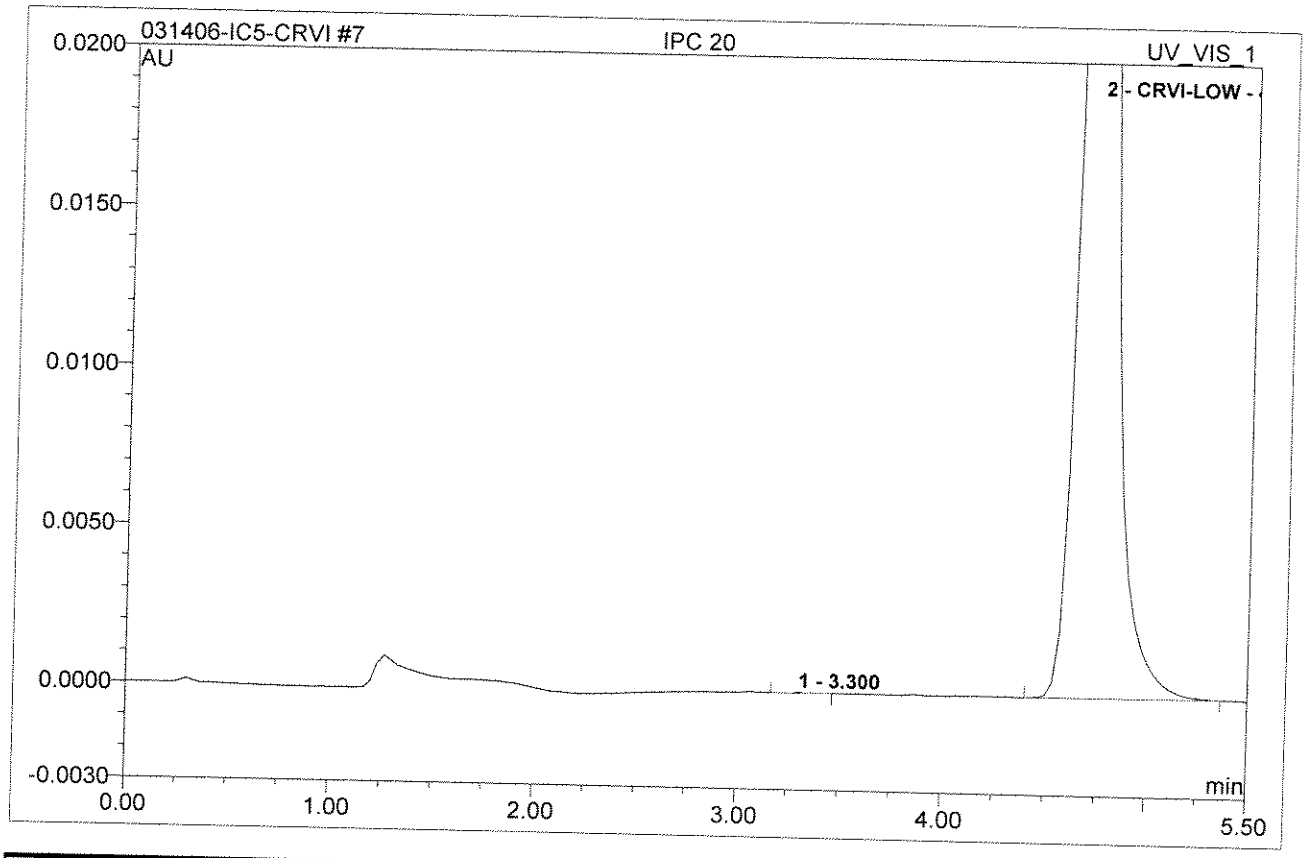
Sample Name:	**Standard 6 - 50ppb**	*Control Program:*	**CRVI-LOW-loop**
Sample Type:	**standard**	*Quantif. Method:*	**5-IC#5-CrVi**
Recording Time:	**2/24/2006 10:37**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Cal.Type	Points	Corr.Coeff. %	Offset	Slope	Curve
1	4.30	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
2	4.70	CRVI-LOW	Lin	6	99.9993	0.0000	0.0003940	0.0000
Average:					99.9993	0.0000	0.0004	0.0000

7 IPC 20

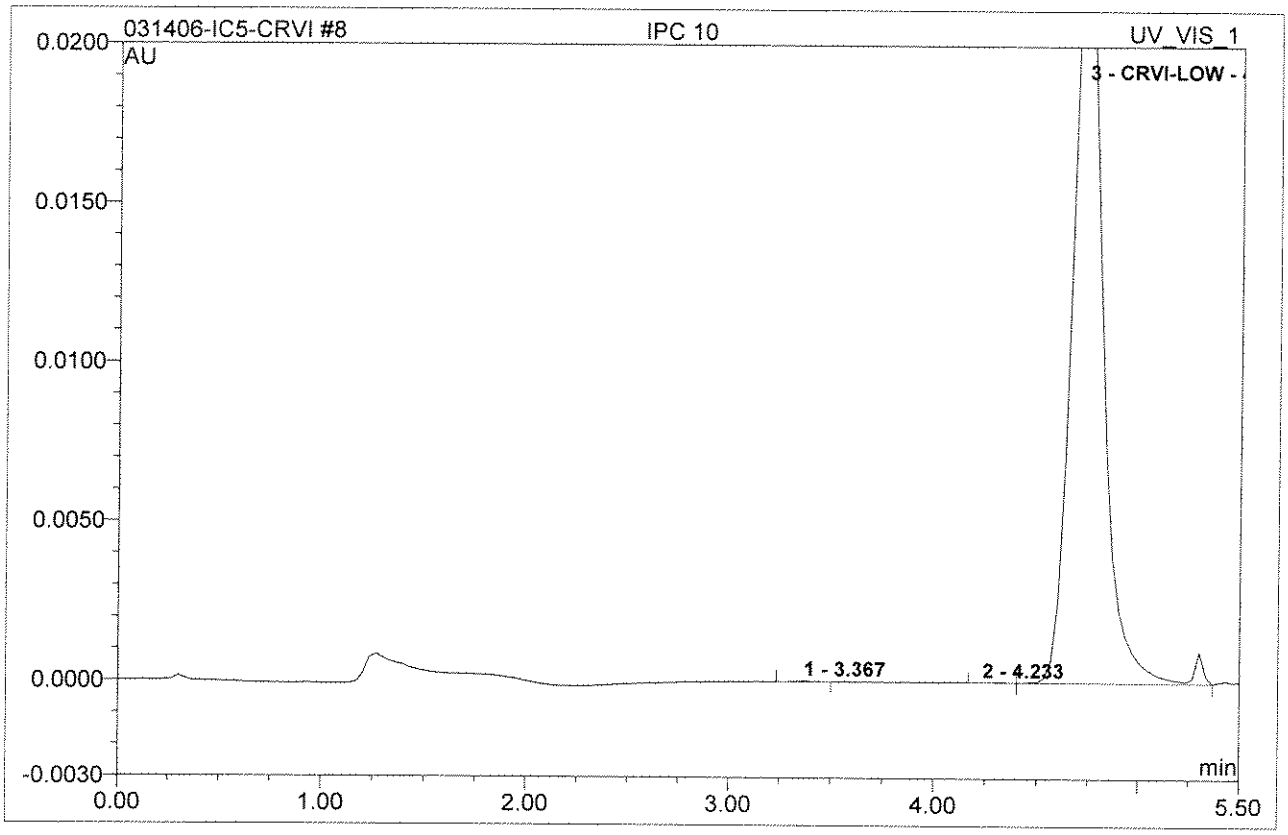
Sample Name:	**IPC 20**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 8:30**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.30	n.a.	0.000	0.0000017	0.02	n.a.	BMB
2	4.73	CRVI-LOW	0.048	0.0081499	99.98	20.685	BMB
Total:			0.048	0.008	100.00	20.685	

8 IPC 10

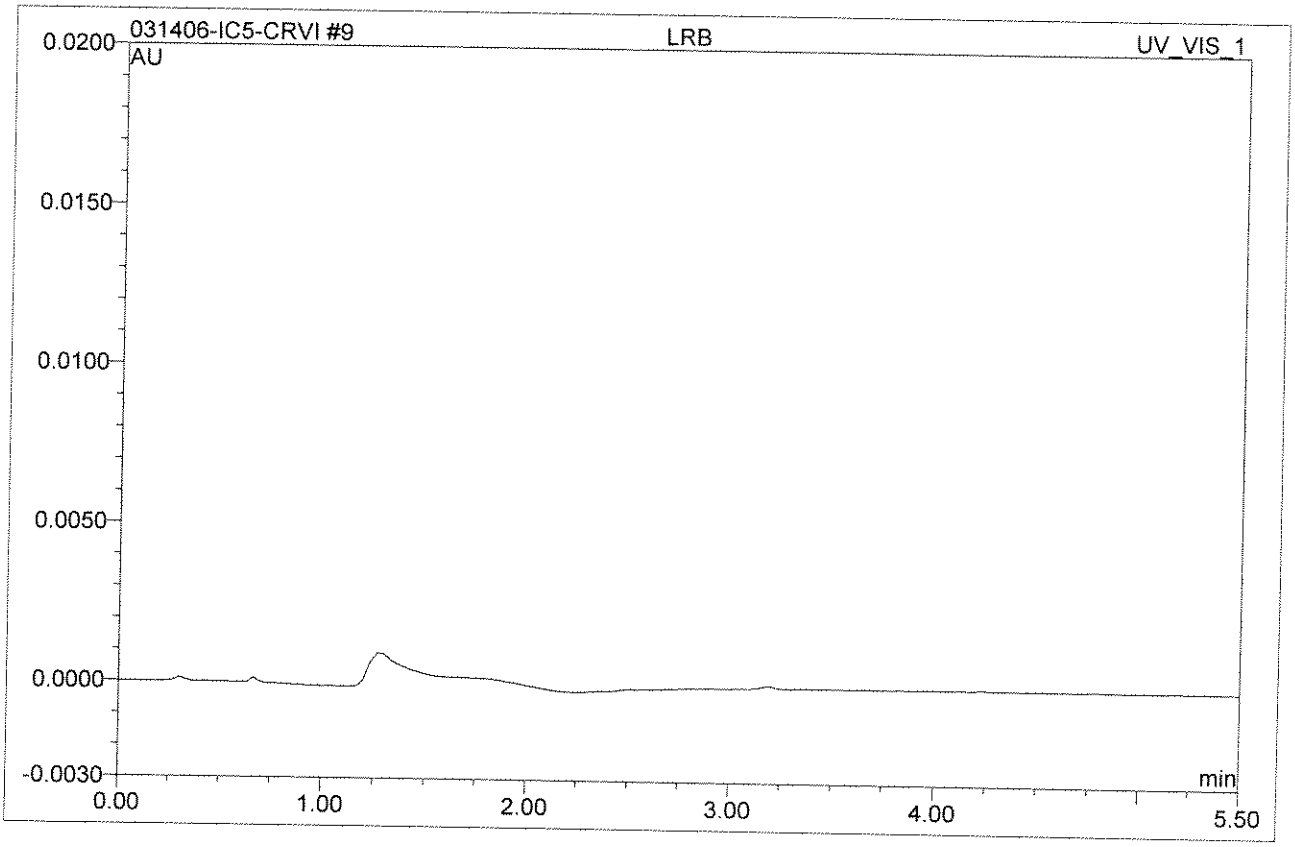
Sample Name:	**IPC 10**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 8:38**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.37	n.a.	0.000	0.0000023	0.06	n.a.	BMB
2	4.23	n.a.	0.000	0.0000008	0.02	n.a.	BMb
3	4.73	CRVI-LOW	0.024	0.0041472	99.93	10.526	bMB
Total:			0.024	0.004	100.00	10.526	

9 LRB

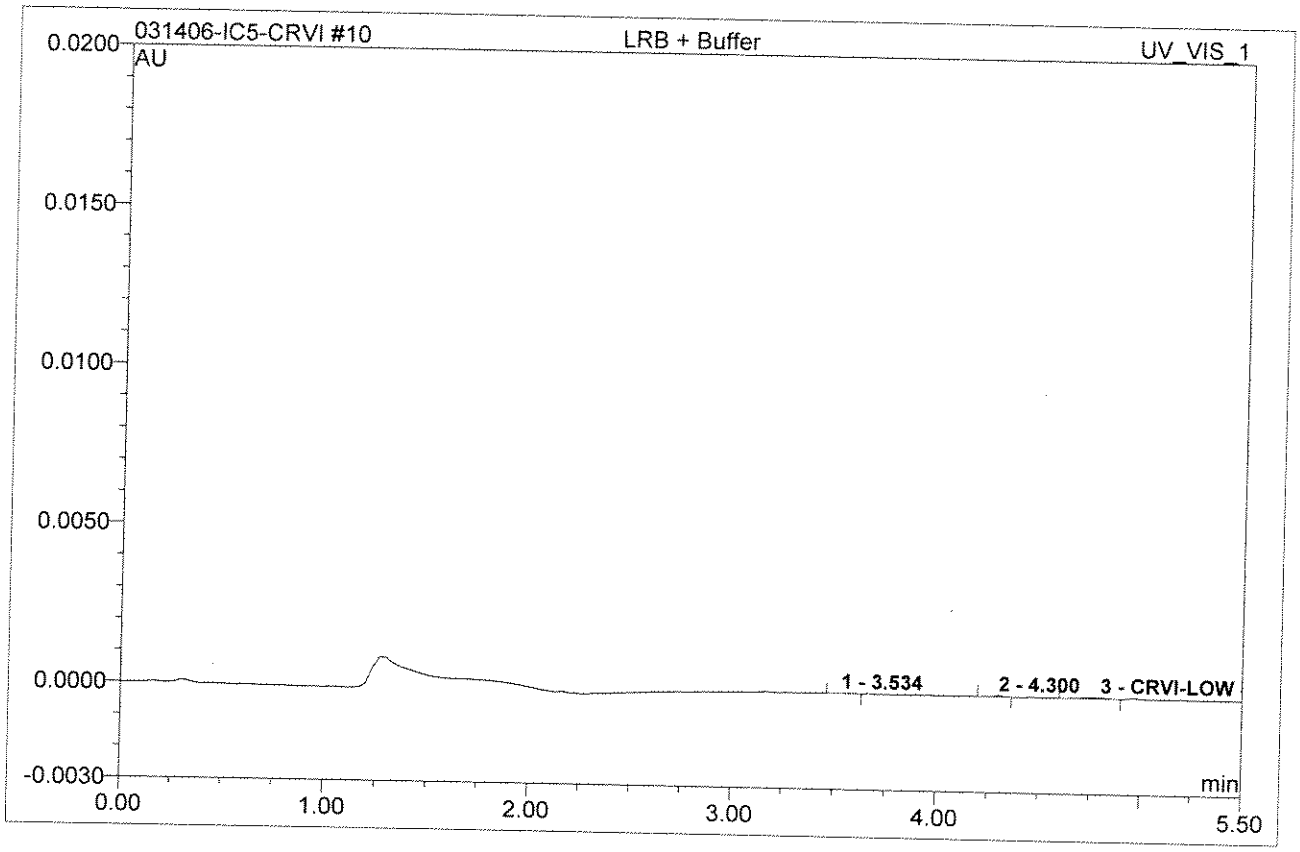
Sample Name:	**LRB**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 8:46**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 LRB + Buffer

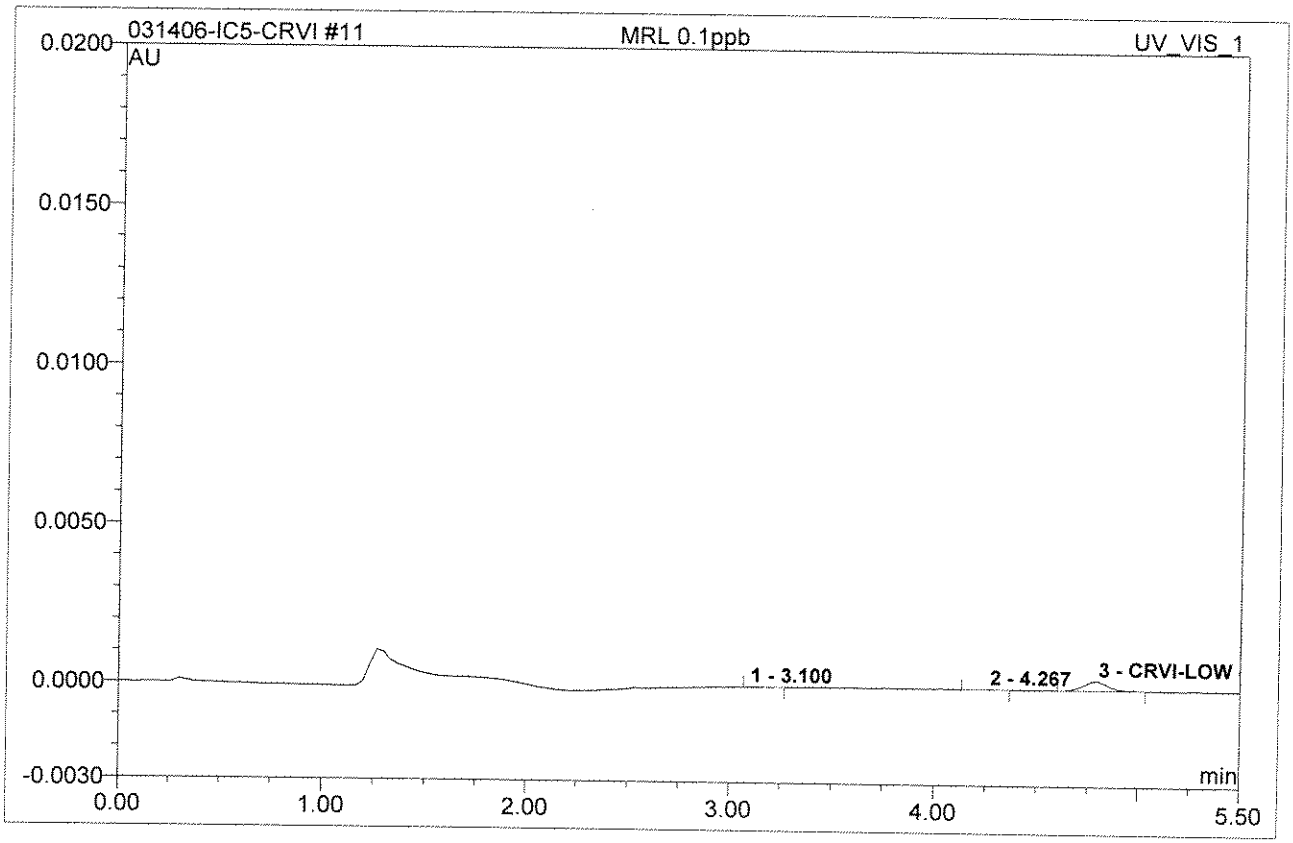
Sample Name:	**LRB + Buffer**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 8:54**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.53	n.a.	0.000	0.0000007	10.94	n.a.	BMB
2	4.30	n.a.	0.000	0.0000019	30.21	n.a.	BMB
3	4.80	CRVI-LOW	0.000	0.0000038	58.85	0.010	BMB
Total:			0.000	0.000	100.00	0.010	

11 MRL 0.1ppb

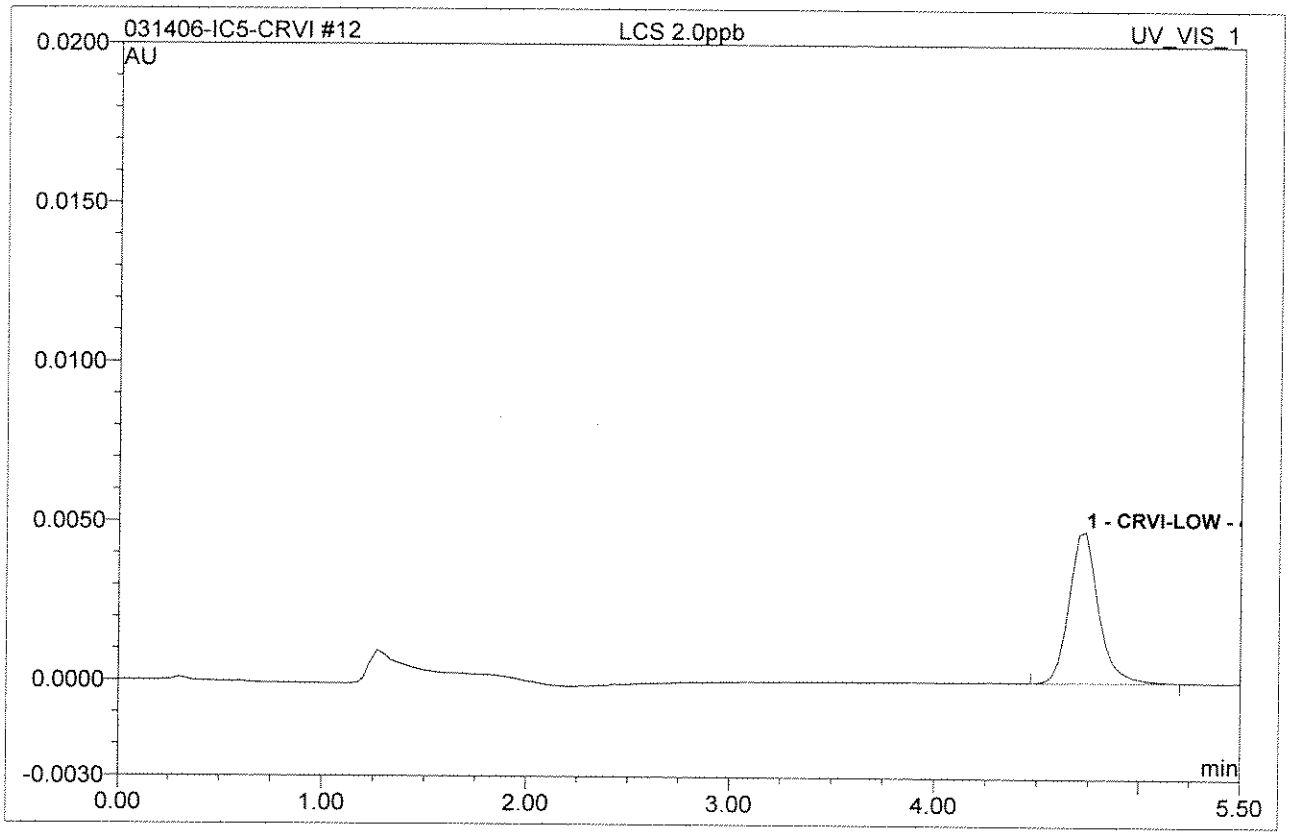
Sample Name:	**MRL 0.1ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 9:02**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.10	n.a.	0.000	0.0000006	1.39	n.a.	BMB
2	4.27	n.a.	0.000	0.0000010	2.26	n.a.	BMB
3	4.80	CRVI-LOW	0.000	0.0000427	96.35	0.108	BMB
Total:			0.000	0.000	100.00	0.108	

12 LCS 2.0ppb

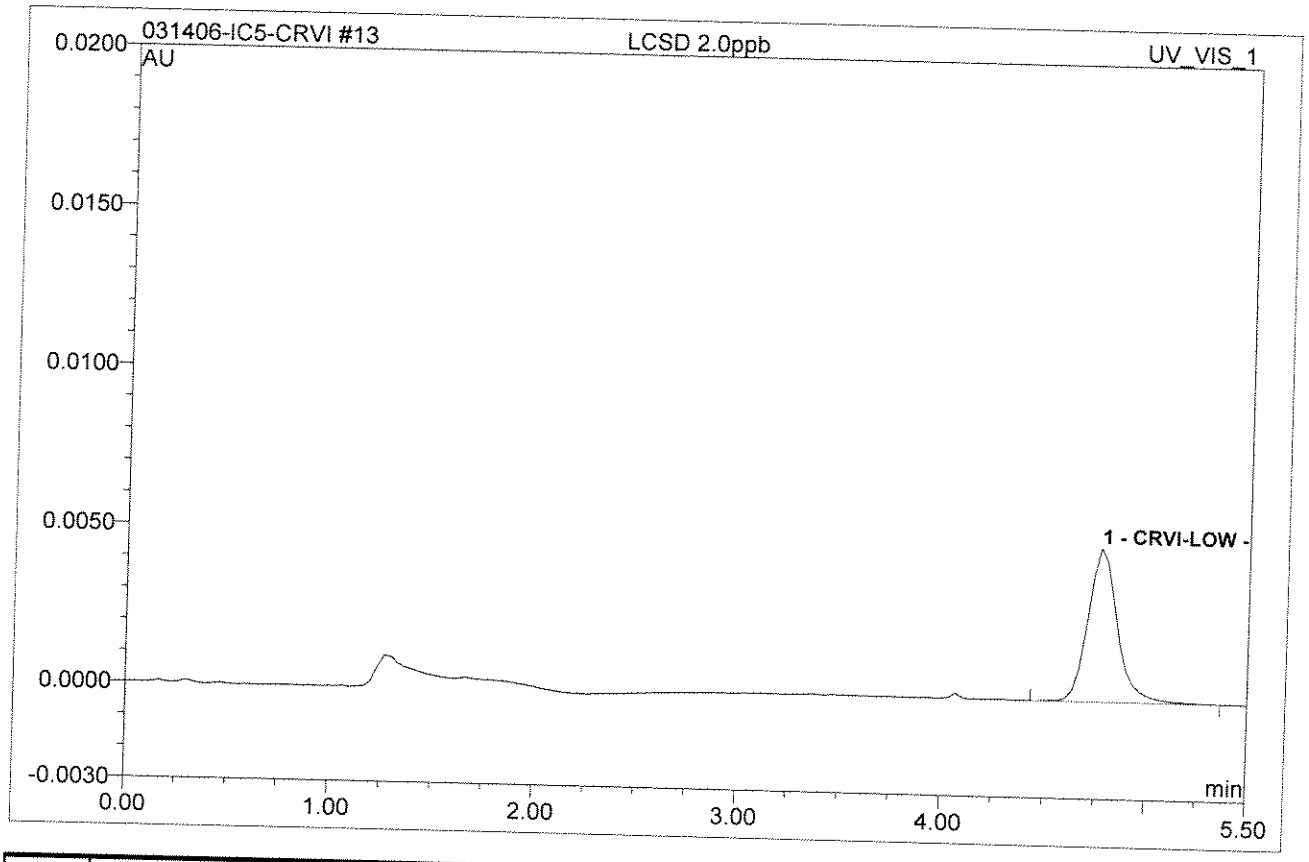
Sample Name:	**LCS 2.0ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 9:10**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.73	CRVI-LOW	0.005	0.0008052	100.00	2.044	BMB
Total:			0.005	0.001	100.00	2.044	

13 LCSD 2.0ppb

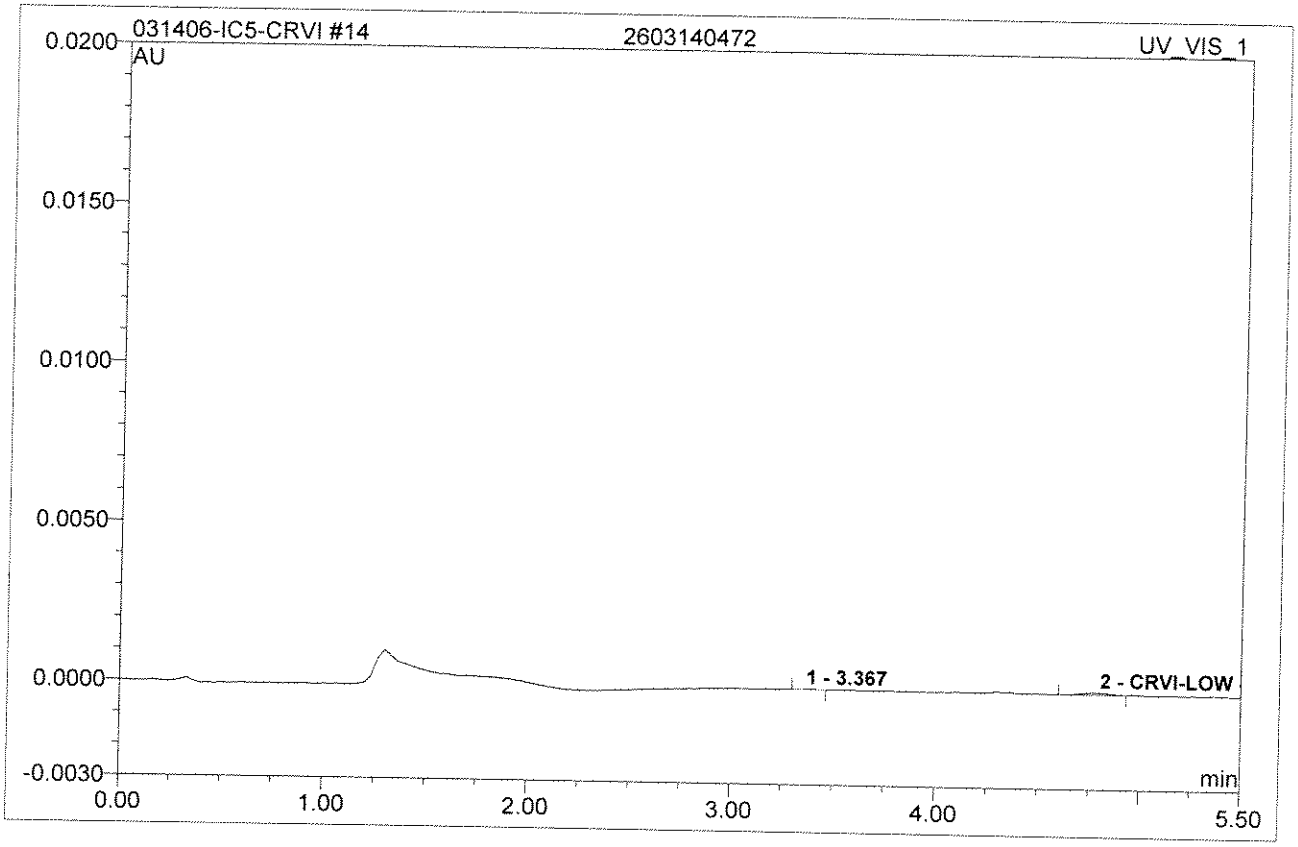
Sample Name:	**LCSD 2.0ppb**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 9:18**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.77	CRVI-LOW	0.005	0.0008193	100.00	2.080	BMB
Total:			0.005	0.001	100.00	2.080	

14 2603140472

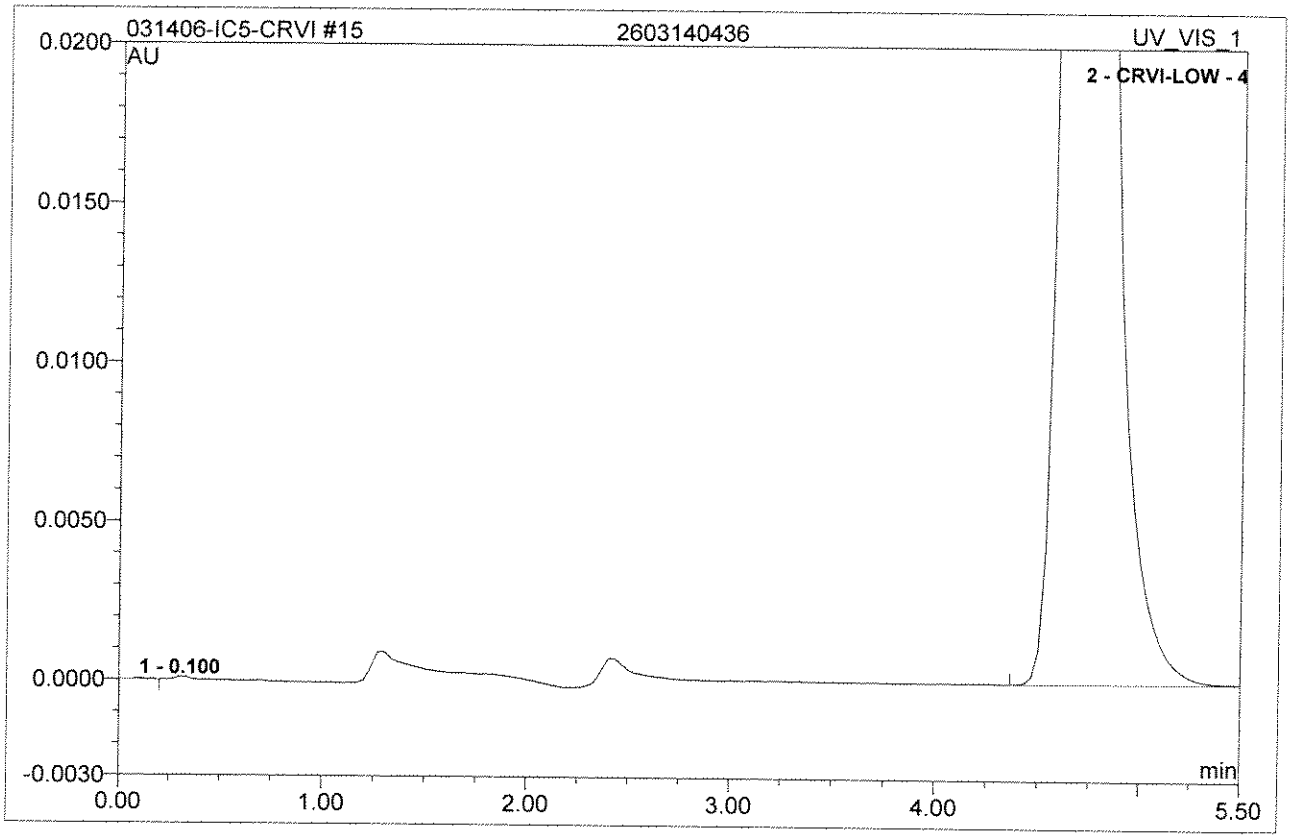
Sample Name:	**2603140472**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 10:46**
Analyst:	**wbh**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.37	n.a.	0.000	0.0000011	10.11	n.a.	BMB
2	4.80	CRVI-LOW	0.000	0.0000095	89.89	0.024	BMB
Total:			0.000	0.000	100.00	0.024	

15 2603140436

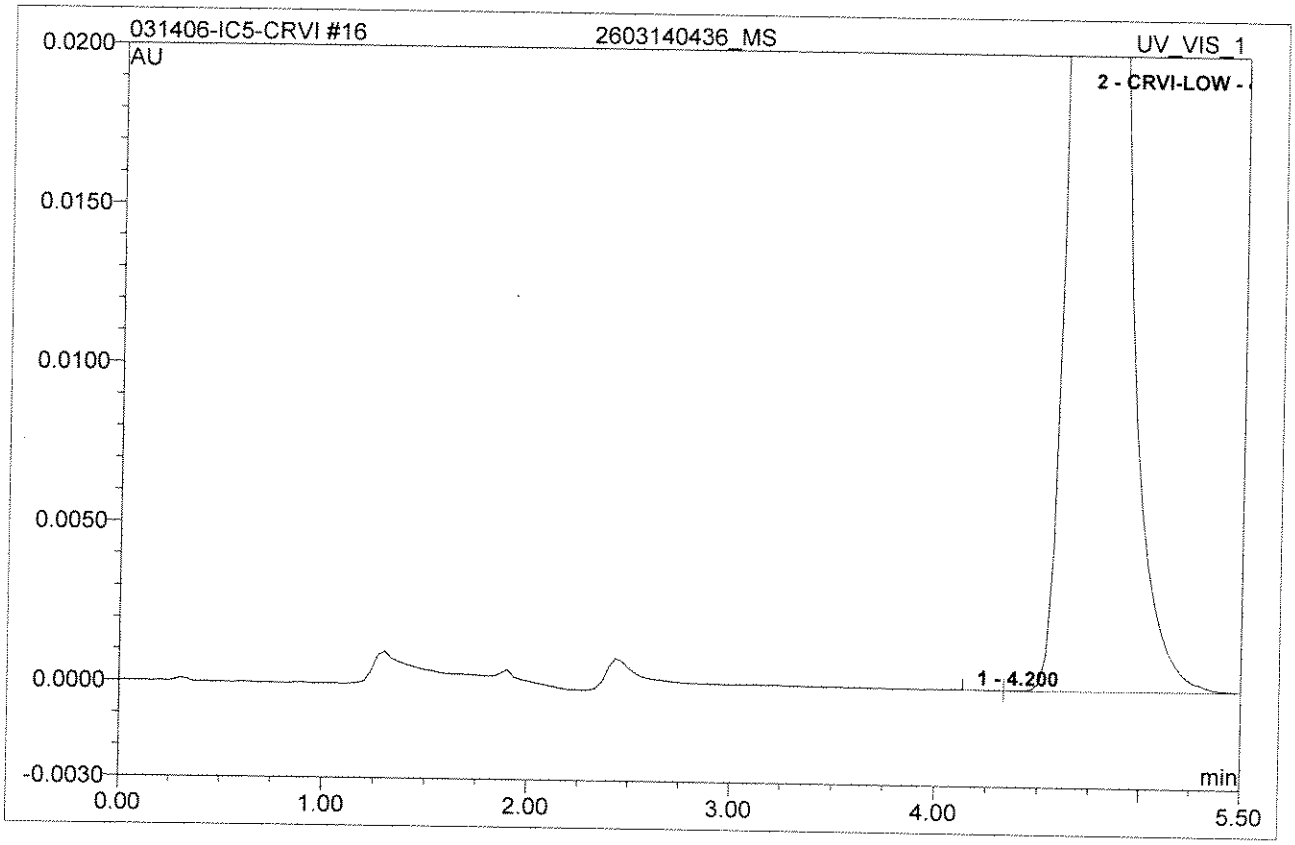
Sample Name:	**2603140436**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 10:54**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	0.10	n.a.	0.000	0.0000011	0.00	n.a.	BMB
2	4.70	CRVI-LOW	0.116	0.0223538	100.00	56.736	BMB
Total:			0.116	0.022	100.00	56.736	

16 2603140436_MS

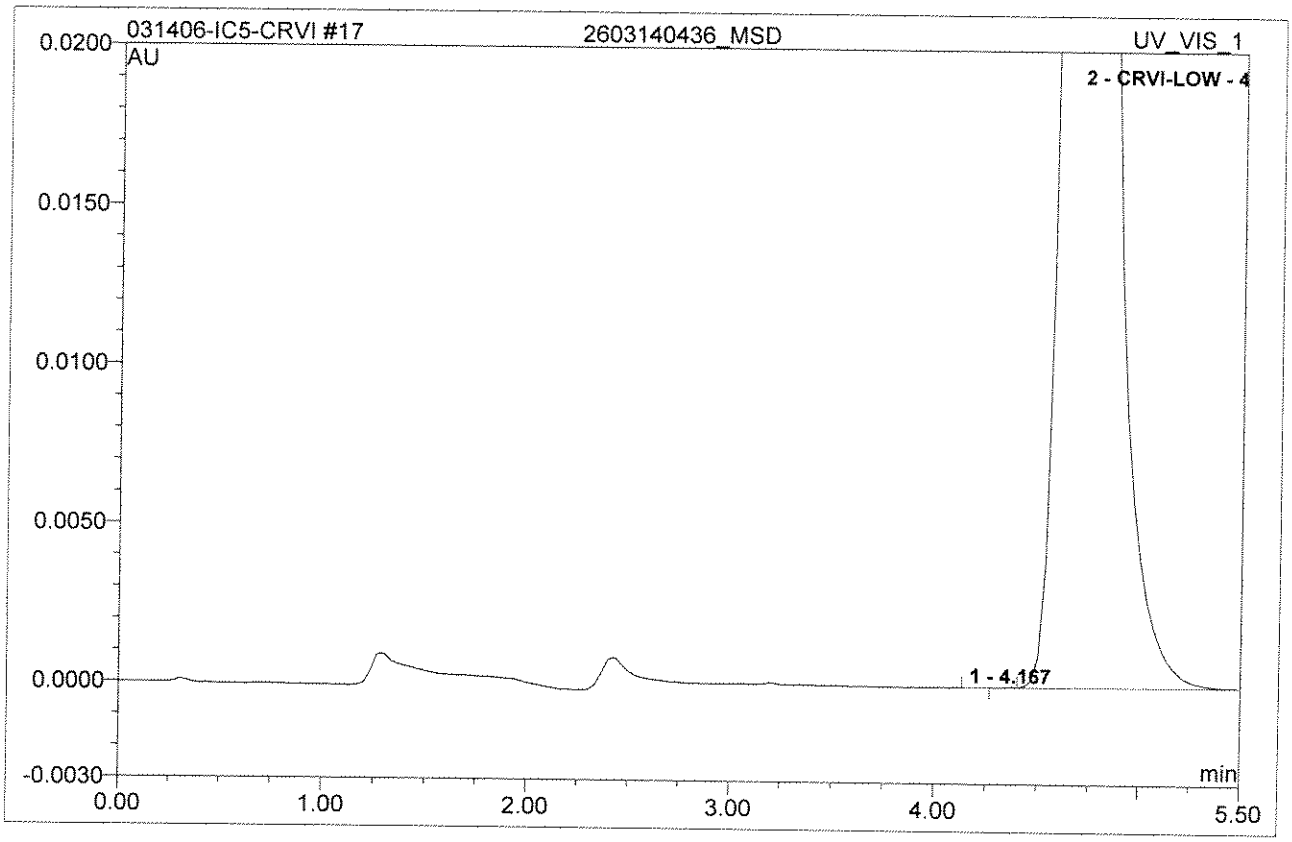
Sample Name:	**2603140436_MS**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:02**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.20	n.a.	0.000	0.0000011	0.00	n.a.	BMB
2	4.73	CRVI-LOW	0.121	0.0232745	100.00	59.073	bMB
Total:			0.121	0.023	100.00	59.073	

17 2603140436_MSD

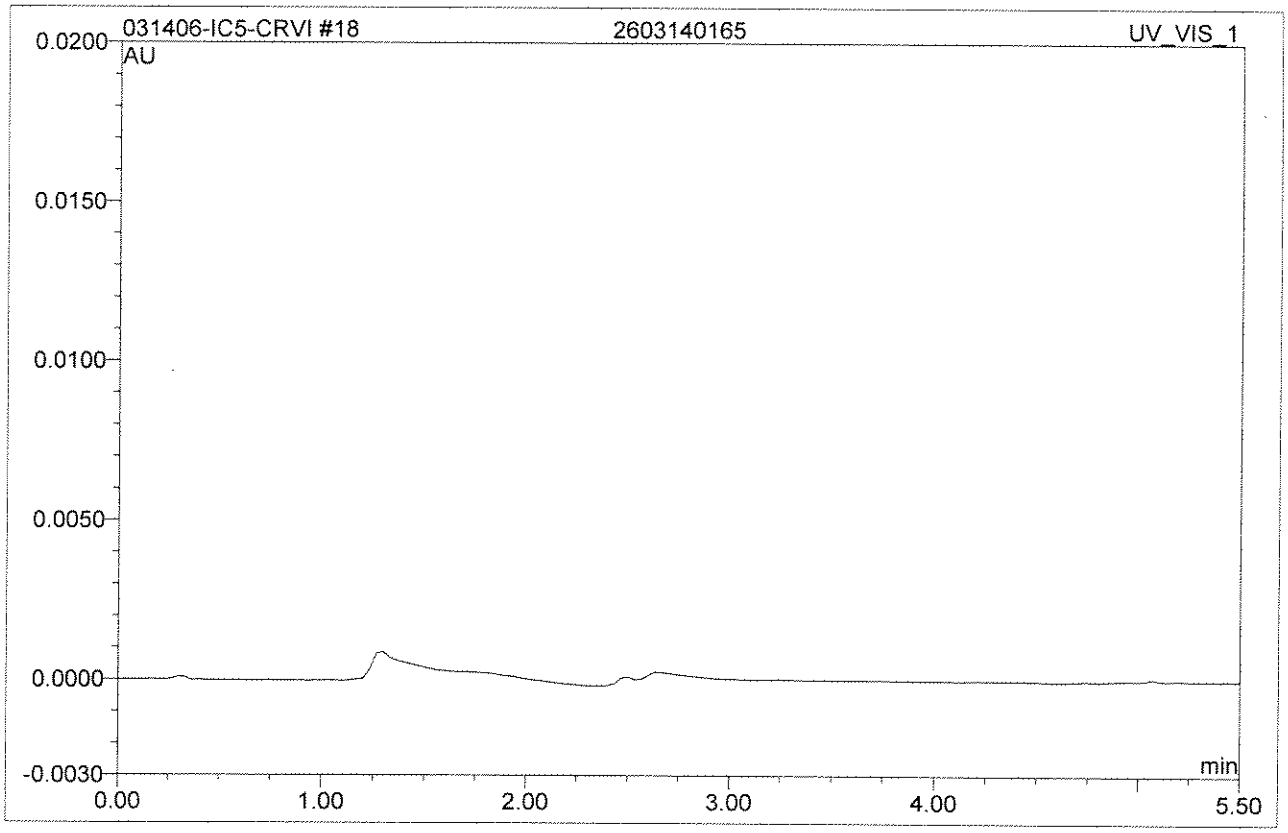
Sample Name:	**2603140436_MSD**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:10**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.17	n.a.	0.000	0.0000005	0.00	n.a.	BMB
2	4.70	CRVI-LOW	0.120	0.0231975	100.00	58.877	BMB
Total:			0.120	0.023	100.00	58.877	

18 2603140165

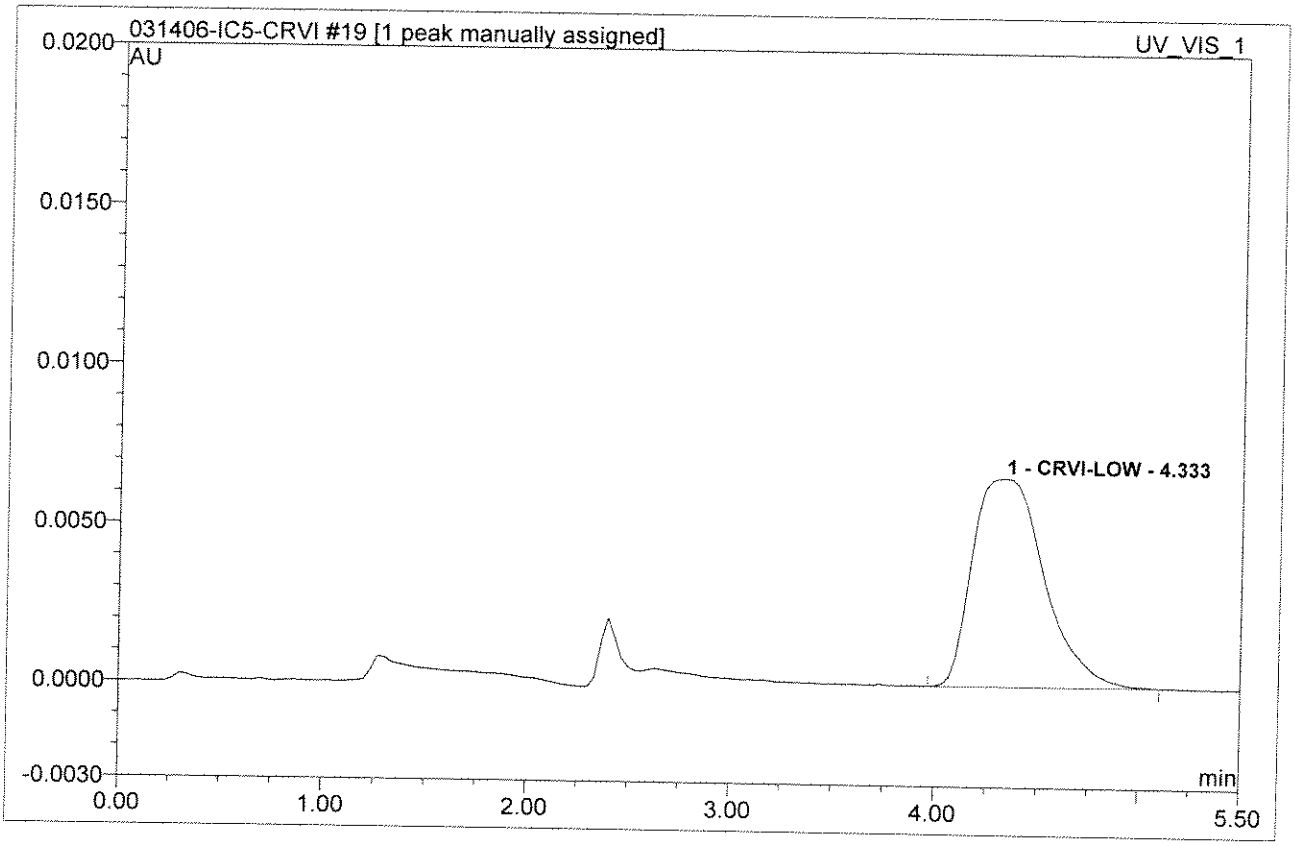
Sample Name:	**2603140165**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:18**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

19 2603140166

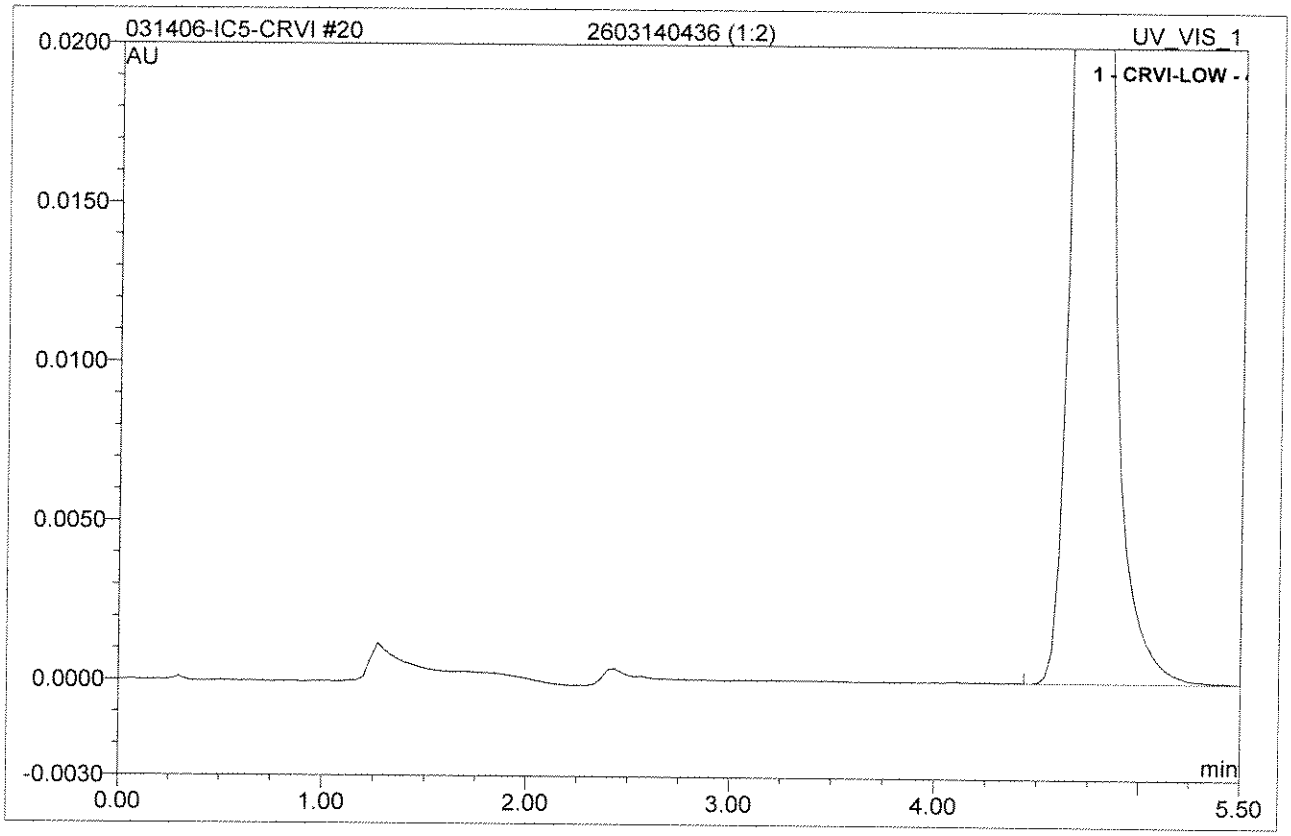
Sample Name:	**2603140166**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:26**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.33	CRVI-LOW	0.007	0.0026789	100.00	6.799	BMB^
Total:			0.007	0.003	100.00	6.799	

20 2603140436 (1:2)

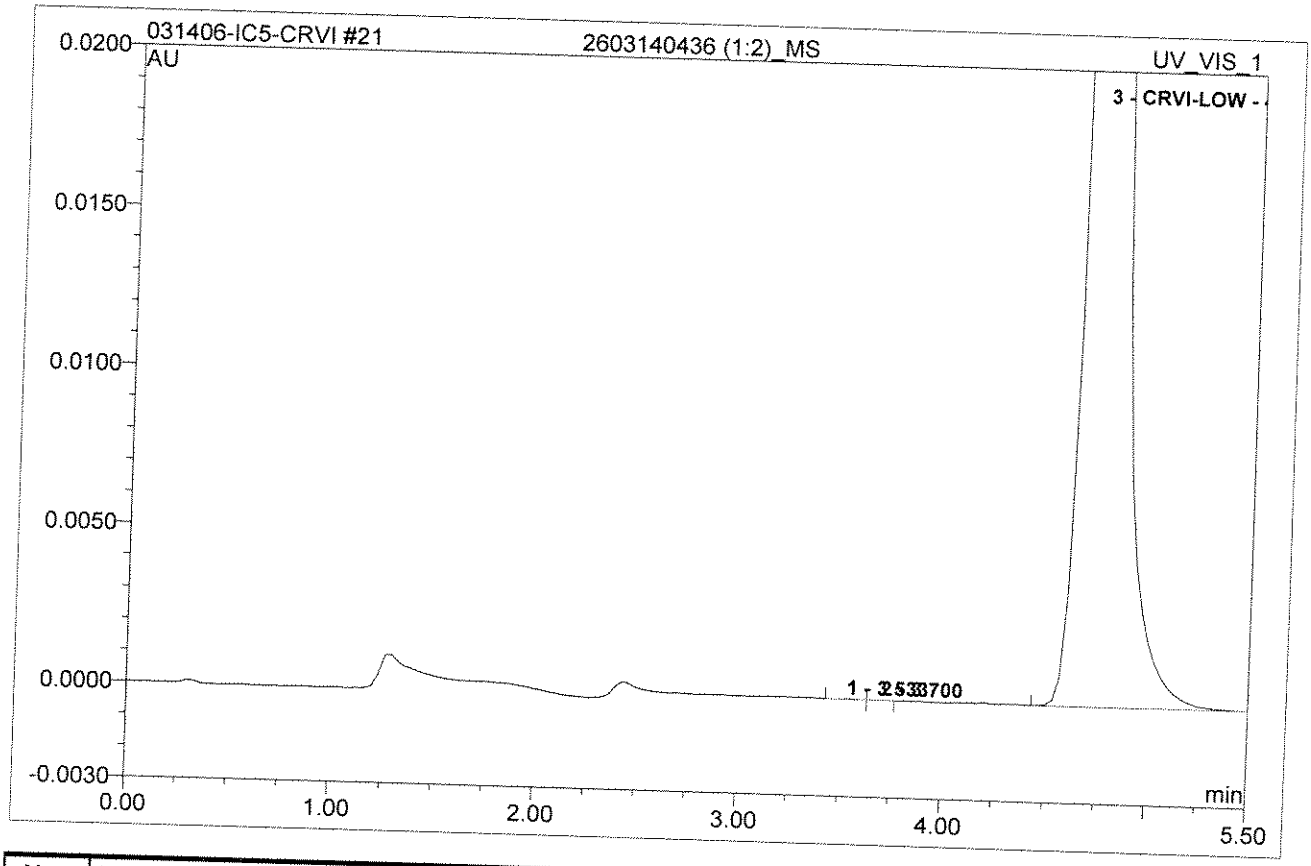
Sample Name:	**2603140436 (1:2)**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**2.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:34**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.73	CRVI-LOW	0.071	0.0112314	100.00	57.012	BMB
Total:			0.071	0.011	100.00	57.012	

21 2603140436 (1:2)_MS

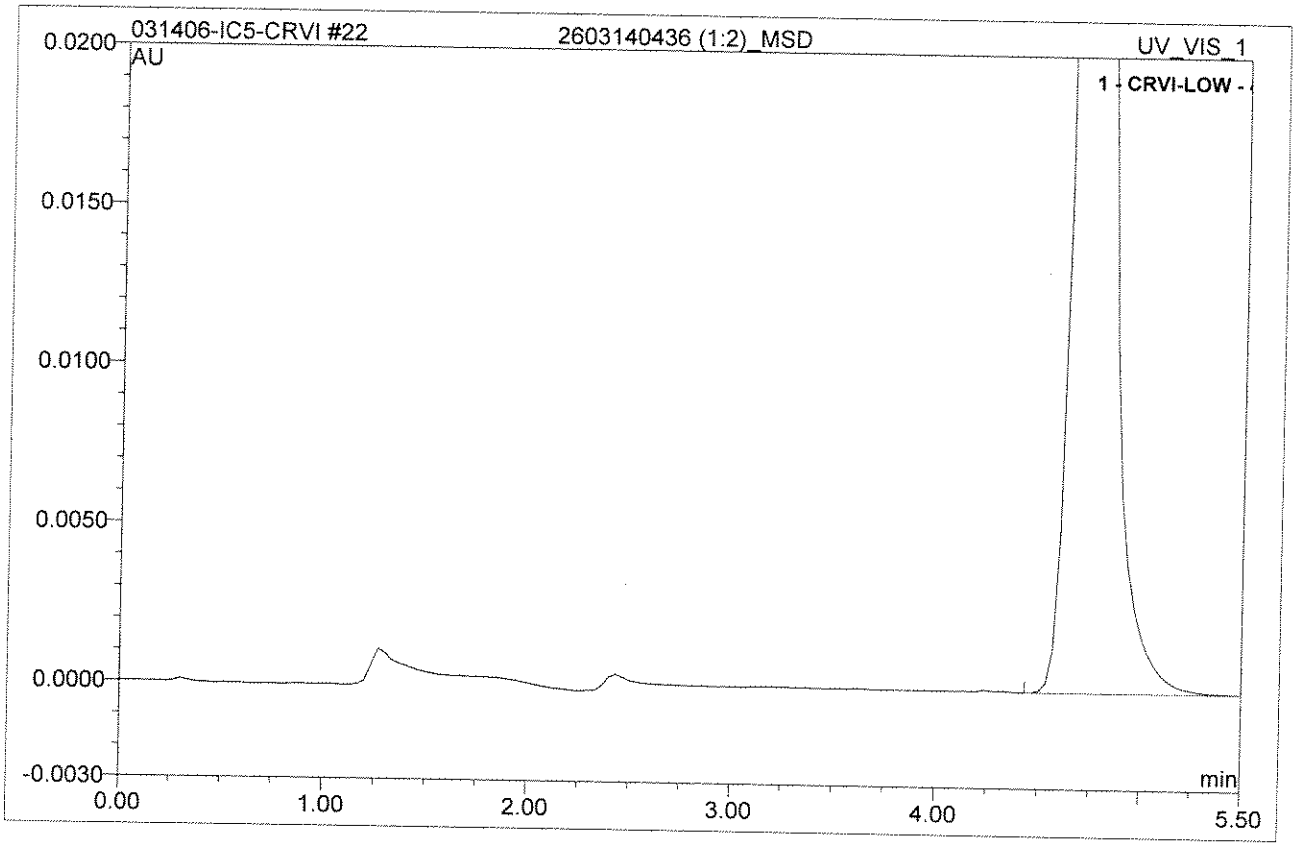
Sample Name:	**2603140436 (1:2)_MS**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:42**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.53	n.a.	0.000	0.0000008	0.01	n.a.	BMb
2	3.70	n.a.	0.000	0.0000004	0.00	n.a.	bMB
3	4.73	CRVI-LOW	0.075	0.0119164	99.99	30.245	BMB
Total:			0.075	0.012	100.00	30.245	

22 2603140436 (1:2)_MSD

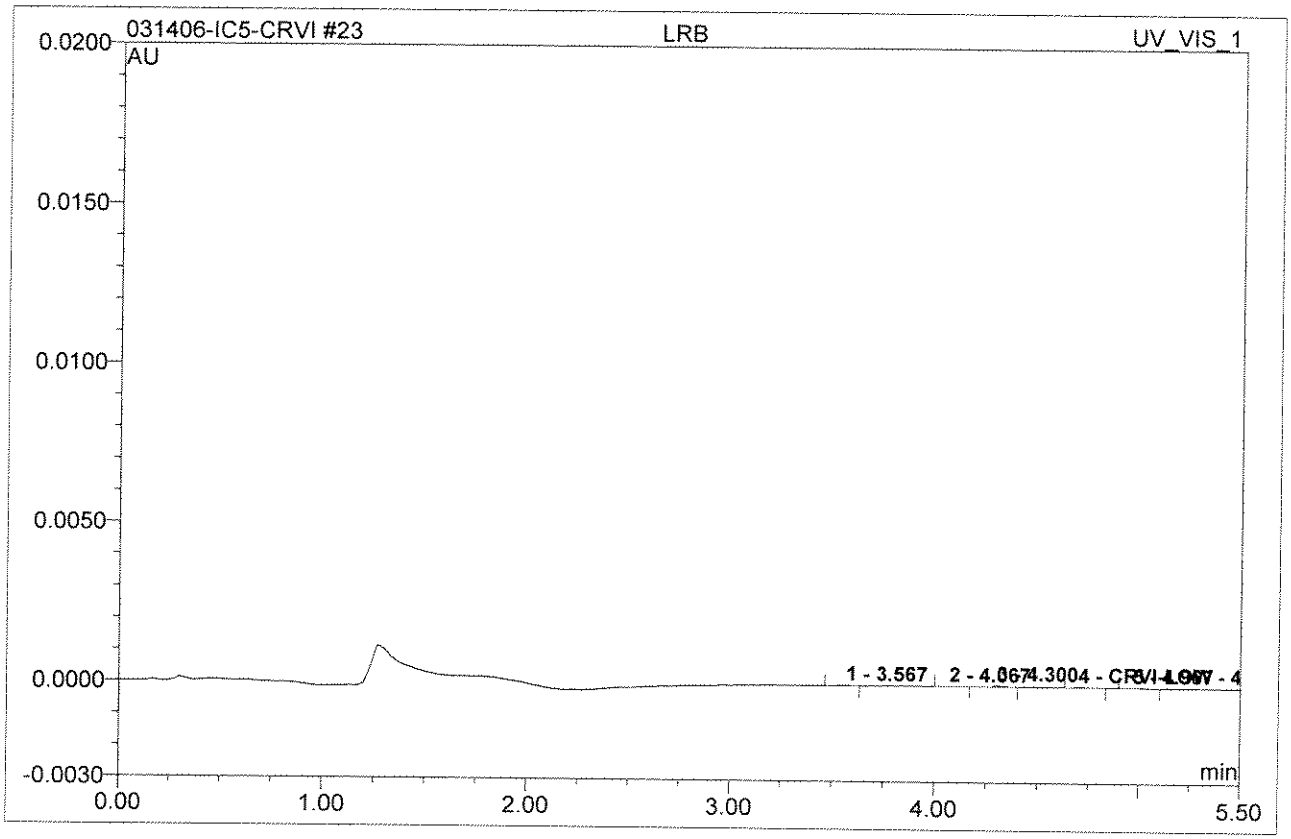
Sample Name:	**2603140436 (1:2)_MSD**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:50**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.73	CRVI-LOW	0.076	0.0119310	100.00	30.282	BMB
Total:			0.076	0.012	100.00	30.282	

23 LRB

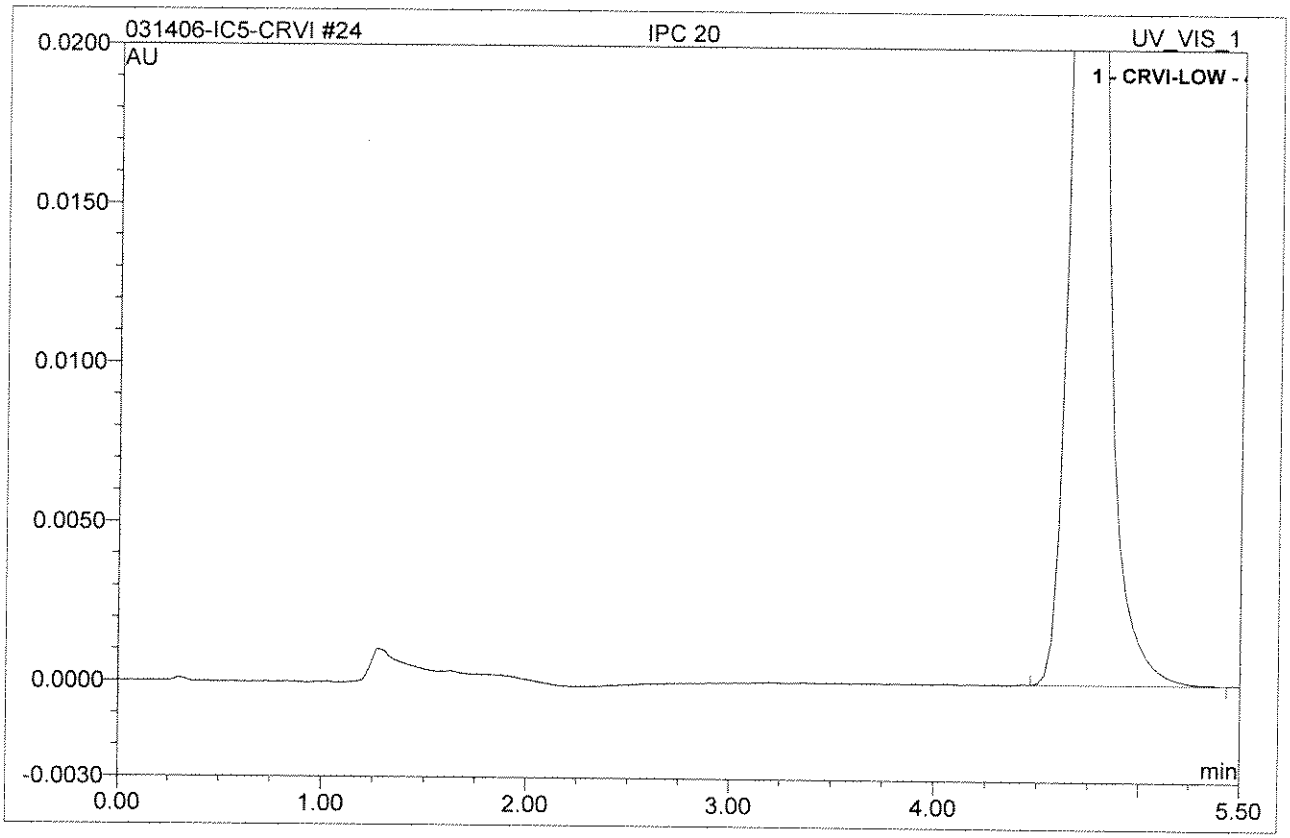
Sample Name:	**LRB**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 11:58**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.57	n.a.	0.000	0.0000010	14.39	n.a.	BMB
2	4.07	n.a.	0.000	0.0000005	7.44	n.a.	Ru
3	4.30	n.a.	0.000	0.0000028	41.69	n.a.	BMB
4	4.70	CRVI-LOW	0.000	0.0000017	24.81	0.004	BMB
5	4.97	n.a.	0.000	0.0000008	11.66	n.a.	BMB
Total:			0.000	0.000	100.00	0.004	

24 IPC 20

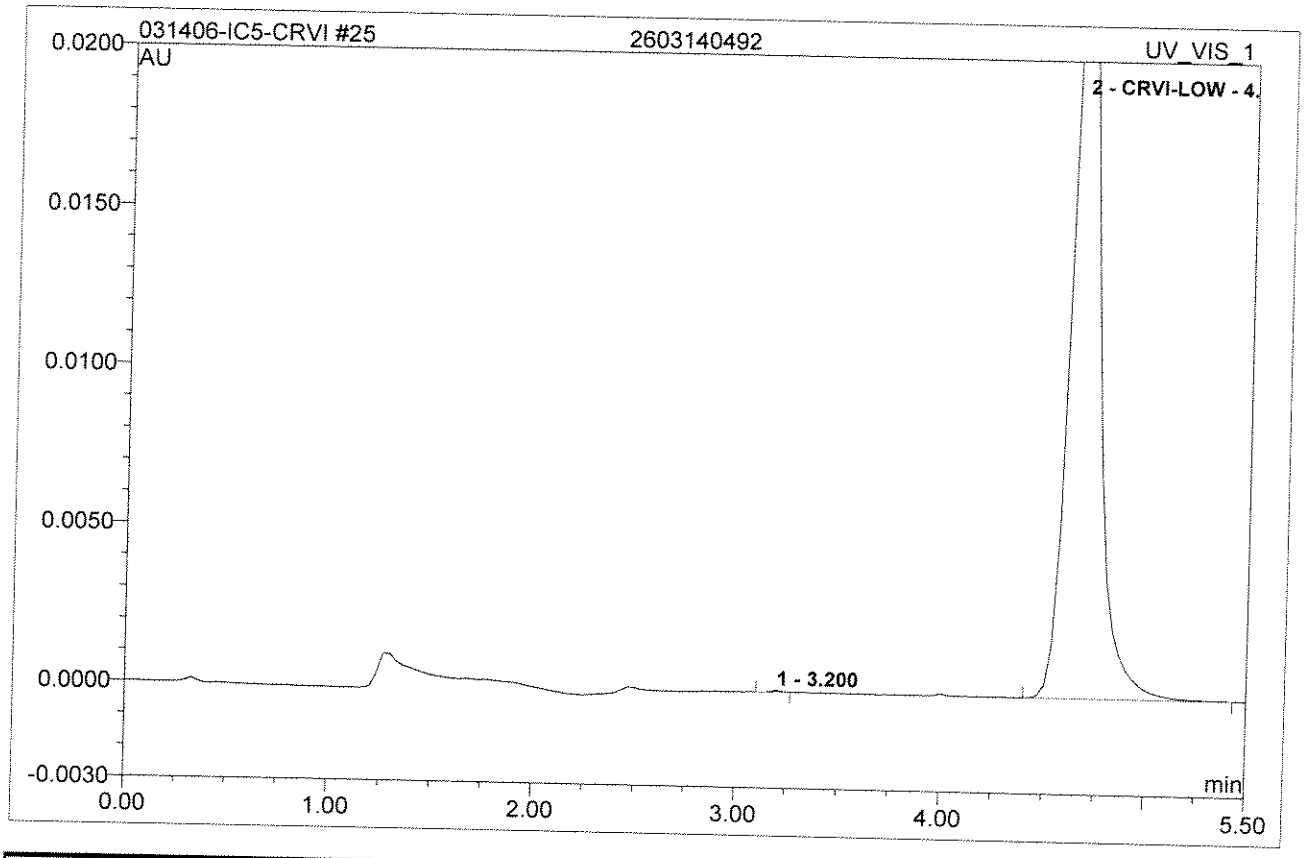
Sample Name:	**IPC 20**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 12:07**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.73	CRVI-LOW	0.050	0.0082155	100.00	20.852	BMB
Total:			0.050	0.008	100.00	20.852	

25 2603140492

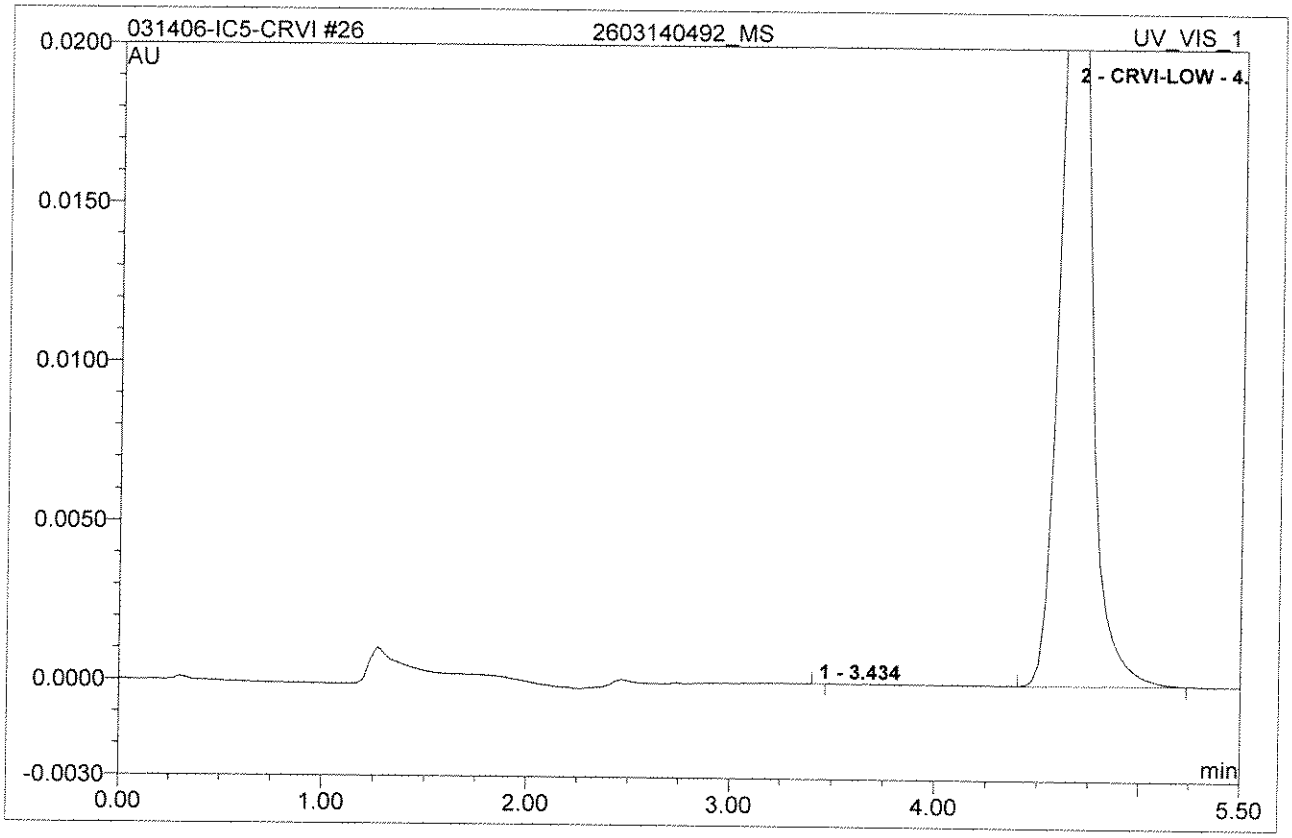
Sample Name:	**2603140492**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 13:14**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.20	n.a.	0.000	0.0000028	0.07	n.a.	BMB
2	4.67	CRVI-LOW	0.026	0.0040588	99.93	10.302	BMB
Total:			0.026	0.004	100.00	10.302	

26 2603140492_MS

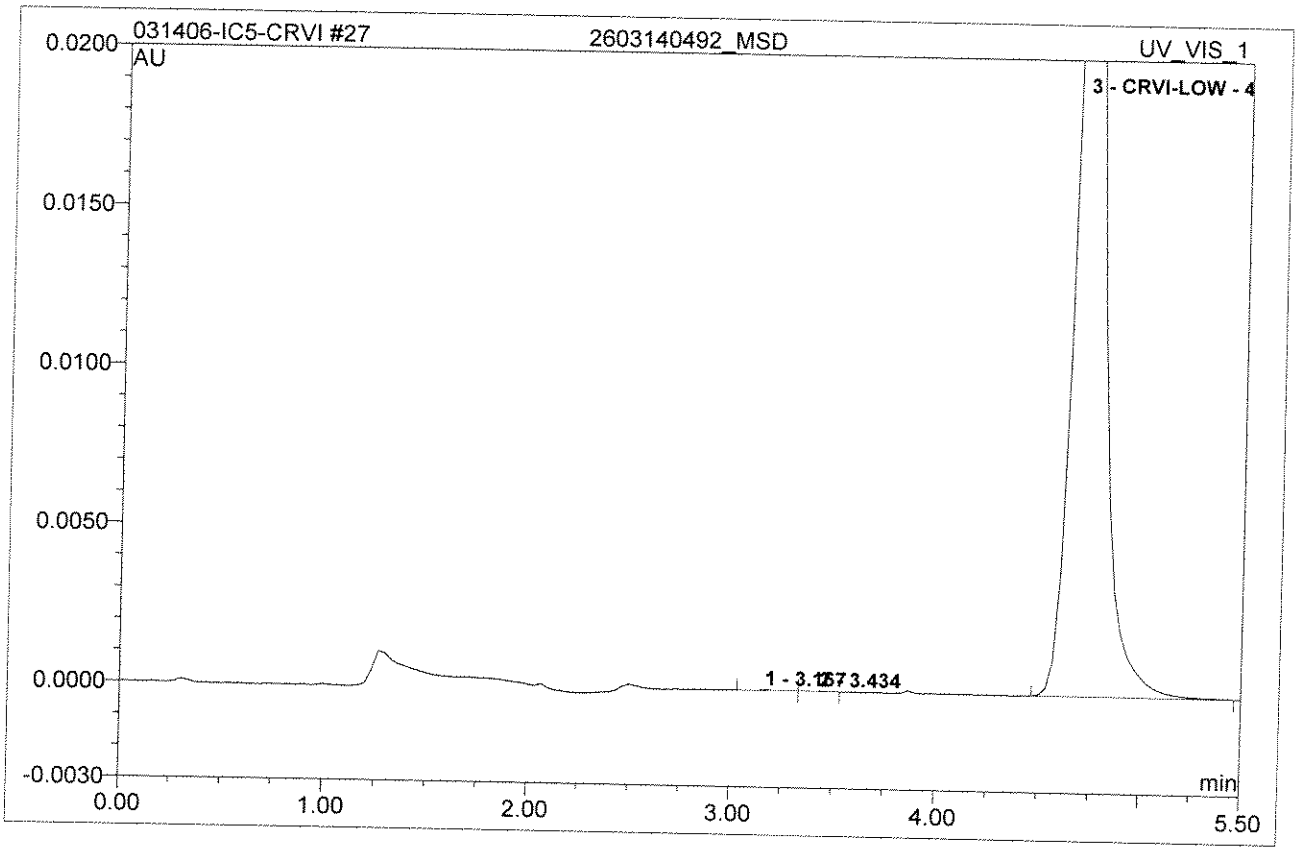
Sample Name:	**2603140492_MS**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 13:22**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.43	n.a.	0.000	0.0000002	0.00	n.a.	BMB
2	4.67	CRVI-LOW	0.031	0.0048212	100.00	12.237	BMB
Total:			0.031	0.005	100.00	12.237	

27 2603140492_MSD

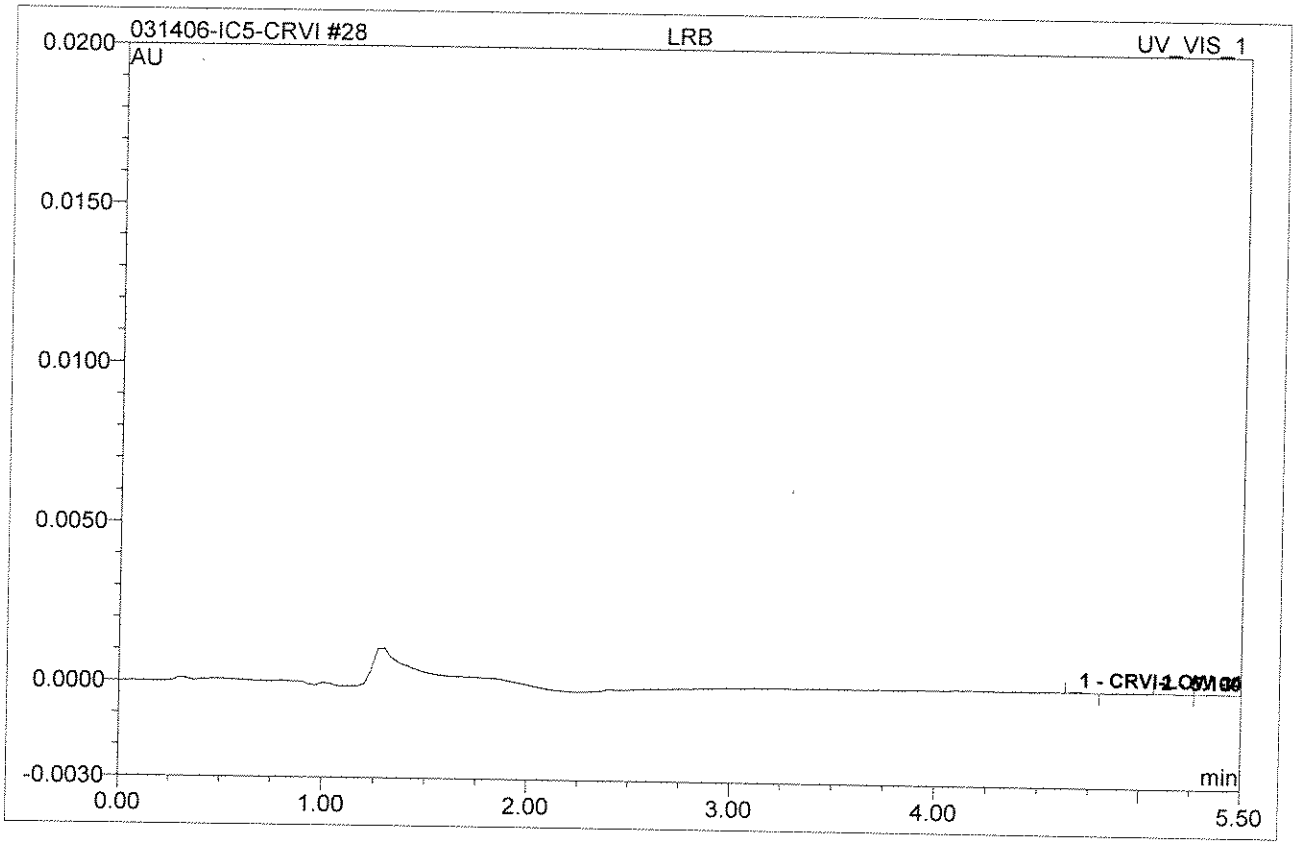
Sample Name:	**2603140492_MSD**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 13:30**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.17	n.a.	0.000	0.0000021	0.04	n.a.	BMb
2	3.43	n.a.	0.000	0.0000005	0.01	n.a.	bMB
3	4.70	CRVI-LOW	0.030	0.0048812	99.95	12.389	BMB
Total:			0.030	0.005	100.00	12.389	

28 LRB

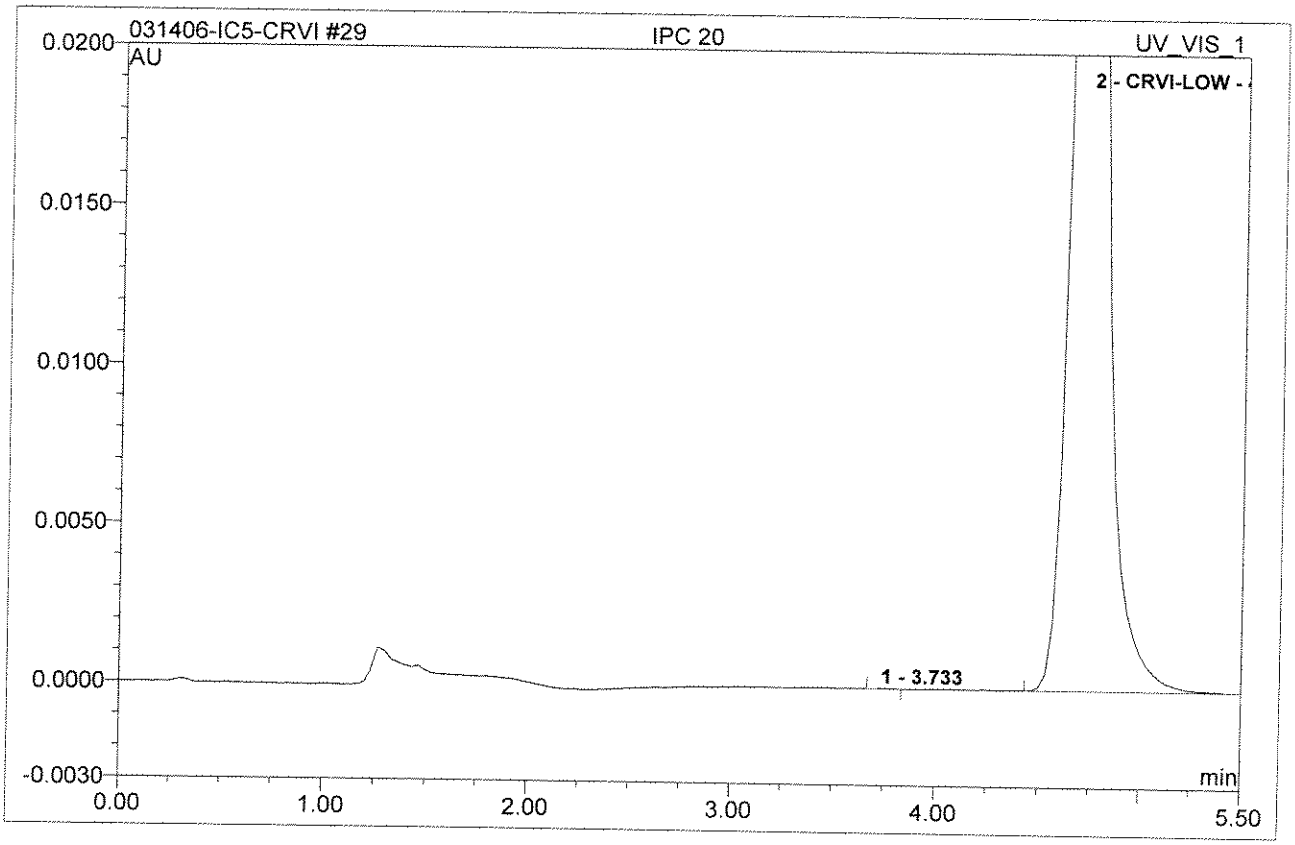
Sample Name:	**LRB**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 13:38**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	4.70	CRVI-LOW	0.000	0.0000022	71.66	0.006	BMB
2	5.10	n.a.	0.000	0.0000003	10.16	n.a.	BMb
3	5.40	n.a.	0.000	0.0000006	18.18	n.a.	bMB
Total:			0.000	0.000	100.00	0.006	

29 IPC 20

Sample Name:	**IPC 20**	*Control Program:*	**CRVI-LOW-loop**
Dilution Factor:	**1.0000**	*Quantif. Method:*	**5-IC#5-CrVi**
Sample Type:	**unknown**	*Recording Time:*	**3/14/2006 13:46**
Analyst:	**lmr**	*Channel:*	**UV_VIS_1**



No.	Ret.Time min	Peak Name	Height AU	Area AU*min	Rel.Area %	Amount	Type
1	3.73	n.a.	0.000	0.0000007	0.01	n.a.	BMB
2	4.73	CRVI-LOW	0.048	0.0082341	99.99	20.899	BMB
Total:			0.048	0.008	100.00	20.899	

EC

Reagent Documentation

Reagent: Ammonium Molybdate - 40g/L
Date Received: 23 Mar 06
Date Expired: 30 Sep 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201348
By: LMR
Matrix: aq
Amount: 12x500 ml
Lot #: 5276

Component	Comment	Standard	Concentration
	VWR# VW3378-2		

Comment:

Reagent: Conductivity Std. - 10,000 µmhos/cm
Date Received: 27 Mar 06
Date Expired: 31 Mar 07
Manufacturer: VWR
Storage Condition: room temp.

Reagent #: 201349
By: LMR
Matrix: aq
Amount: 4x500ml
Lot #: 6079

Component	Comment	Standard	Concentration
	VWR# VW6224-2		

Comment:

Reagent: Clorox Bleach
Date Received: 30 Mar 06
Date Expired: Mar '07
Manufacturer: Clorox
Storage Condition: room temp

Reagent #: 201350
By: LMR
Matrix: aq
Amount: 2.83 L (3 Qts)
Lot #: A8600406
5813-CA3

Component	Comment	Standard	Concentration
	VWR# 37001-060		

Comment:

Reagent Documentation

Reagent: COD low range vials
Date Received: 27 Jan 06
Date Expired: Oct '10
Manufacturer: Environmental Express
Storage Condition: room temp

Reagent #: 201324
By: LMR
Matrix: aq
Amount: 4 x 100 vials
Lot #: 10295

Component	Comment	Standard	Concentration
	EE # B1010		

Comment:

Reagent: Conductivity Std - 1412 µmhos/cm
Date Received: 1 Feb 06
Date Expired: 31 Oct 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201325
By: LMR
Matrix: aq
Amount: 3 x 1-L
Lot #: 5318

Component	Comment	Standard	Concentration
	VWR # VW3349-1		

Comment:

Reagent: Linear Alkylbenzene Sulfonate (LAS) Std
Date Received: 7 Feb 06
Date Expired: Nov '06
Manufacturer: Ricca Chemical
Storage Condition: refrigerate 4 ± 2°C

Reagent #: 201326
By: LMR
Matrix: aq
Amount: 120 ml
Lot #: 1511670

Component	Comment	Standard	Concentration
	VWR cat # RC4350-4		

Comment:

Reagent Documentation

Reagent: Sulfide Reagent I
Date Received: 5 Jan 06
Date Expired: Aug 09
Manufacturer: HACH
Storage Condition: room temp

Reagent #: 201309
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: A5346

Component	Comment	Standard	Concentration
	HACH # 1816-49		

Comment:

Reagent: Sulfide Reagent 2
Date Received: 5 Jan 06
Date Expired: Nov 10
Manufacturer: HACH
Storage Condition: room temp

Reagent #: 201310
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: A5315

Component	Comment	Standard	Concentration
	HACH # A5315		

Comment:

Reagent: Conductivity Std. 10000 µmhos/cm
Date Received: 5 Jan 06
Date Expired: 30 Nov 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201311
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: 5332

Component	Comment	Standard	Concentration
	VWR # VWLE224-2		

Comment:

Reagent Documentation

Reagent: Conductivity Std-10µmhos/cm
Date Received: 19 Dec 05
Date Expired: Aug 06
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201294
By: LM
Matrix: aq
Amount: 5x1-L
Lot #: 1508842

Component	Comment	Standard	Concentration
	VWR Cat # RC2236-32		

Comment:

Reagent: Conductivity 10µmhos/cm
Date Received: 19 Dec 05
Date Expired: Aug 2006
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201295
By: LMR
Matrix: aq
Amount: 1x1-L
Lot #: 1508350

Component	Comment	Standard	Concentration
	VWR Cat # RC2236-32		

Comment:

Reagent: Sodium Dodecyl Sulfate - 95%
Date Received: 21 Dec 05
Date Expired: Dec '10
Manufacturer: J.T. Baker
Storage Condition: room temp

Reagent #: 201296
By: LMR
Matrix: solid
Amount: 500g
Lot #: B07625

Component	Comment	Standard	Concentration
	VWR # JTL050-7		

Comment:

Reagent Documentation

Reagent: Fluoride Std - 1000 ppm
Date Received: 3 Oct 05
Date Expired: 1 Nov 06
Manufacturer: Inorganic Ventures
Storage Condition: refrigerate

Reagent #: 201249
By: LMR
Matrix: ~~to~~ aq
Amount: 125 ml
Lot #: X-F01045

Component	Comment	Standard	Concentration
	IV # ICF1-1		

Comment:

Reagent: Iodide Std - 1000 ppm
Date Received: 4 Oct 05
Date Expired: 1 Oct 06
Manufacturer: Inorganic Ventures
Storage Condition: room temp

Reagent #: 201250
By: LMR
Matrix: aq
Amount: 100 ml
Lot #: Y-10D0105

Component	Comment	Standard	Concentration
	IV # ICI1-1		

Comment:

Reagent: Conductivity Std. - 10 µmhos/cm
Date Received: 5 Oct 05
Date Expired: Apr 2006
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201251
By: LMR
Matrix: aq
Amount: 1-L
Lot #: 1504434

Component	Comment	Standard	Concentration
	VWR # RC2236-32		

Reagent Documentation

Reagent: Conductivity Std. - 1412 µmhos/cm
Date Received: 17 Oct 05
Date Expired: Sep 2006
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201255
By: LMR
Matrix: aq
Amount: 2x4-L
Lot #: 151015 9

Component	Comment	Standard	Concentration
.	VWR# RC5890-1		

Comment:

Reagent: Phenol - 1000ppm
Date Received: 19 Oct 05
Date Expired: 28 Feb 07
Manufacturer: Spectrum Chemical
Storage Condition: refrigerate

Reagent #: 201256
By: LMR
Matrix: aq
Amount: 500 ml
Lot #: UG0059

Component	Comment	Standard	Concentration
	Spectrum # P-122		

Comment:

Reagent: Sodium Carbonate - 0.05N
Date Received: 19 Oct 05 / 25 Oct 05
Date Expired: 31 Mar 07
Manufacturer: VWR
Storage Condition: room temp.

Reagent #: 201257
By: LMR
Matrix: aq
Amount: 1-L / 3x1-L
Lot #: 5276

Component	Comment	Standard	Concentration
	VWR # VW3552-1		

Reagent Documentation

Reagent: Conductivity Std - 1000 µmhos/cm
Date Received: 16 Nov 05
Date Expired: Aug 06
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201276
By: LMR
Matrix: aq
Amount: 4-L
Lot #: 1508530

Component	Comment	Standard	Concentration
	VWR # 2243-1		

Comment:

Reagent: NO3 RFA 100 ppm std
Date Received: 16 Nov 05
Date Expired: 1 Dec 06
Manufacturer: Inorganic Ventures
Storage Condition: refrigerate

Reagent #: 201277
By: LMR
Matrix: aq
Amount: 2x125 ml
Lot #: Y-10N18042

Component	Comment	Standard	Concentration
	IV # NO3-RFA		

Comment:

Reagent: Color Standard - 500 units
Date Received: 16 Nov 05
Date Expired: Apr 2007
Manufacturer: Ricca Chemical
Storage Condition: room temp

Reagent #: 201278
By: LMR
Matrix: aq
Amount: 1-L
Lot #: 1505250

Component	Comment	Standard	Concentration
	VWR# RC2230-32		

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

CONDUCTIVITY MW SOP REVISION 5
SM2510B

Analysis Date: 3-16-06
Analyst: SAM
Reviewed By:
LiMS Check By:

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)

Time of Analysis Start: 16:00 End: 17:00
MRL 2umhos/cm: R# 201270 exp of solution: 11/07
KCl Std 1412 R# 201255 exp of solution 9/06
TV = 1412 µmho/cm @ 25°C for 0.0100M
Reading: 1420
Instrument: YSI Model 3200 SN:01A0504, Year Aquired 2001 New

Run #	Sample Number	Sample ID	Client	Date Collected	Temp °C	pH	Scale (µmho/mmho)	Result: Instrument	Result: Reported (µmho/cm)	Comments
Blk	Blank				20		US	0.4452	ND	
STD	MRL 2umhos/cm							2.341	2.341	1-3—±50% of TV
STD	KCl - 1000 mhos/cm							990	990	950-1050—±5% of TV
1	2603150013	68 well	BASIN	3-15-06		7		236	236	
2	14	79 well	"	"		"		240	240	
3	357	201059	WRD	3-13-06		"		4016	4020	
4	58	"	"	3-15-06		"		4100	4100	
5	2603110046	ENCINA	POSEIDON	3-10-06		"	MS	50.41	50400	
6	2603150156	"	"	3-14-06		"	"	49.29	49300	
7	2603140436	TR-10A	ENSR	3-13-06		"	US	2243	2240	
8	472	PUMP	"	"		"	"	2.661	2.7	
9	2603150120	TR-9A	"	3-14-06		"	"	1334	1330	
10	2603140487	ENCINA	POSEIDON	3-13-06		"	MS	49.27	49300	
DUP	2603150357	102059	WRD	3-13-06		"	US	4023	4020	RPD < 5%
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
DUP										RPD < 5%
STD	KCl - 10 mhos/cm						US	9.928	9.9	8-12—RPD < 20% of TV

% RPD = $\frac{|S1-S2| * 100}{(S1+S2)/2}$

S1 = reading of 1st sample
S2 = reading of 2nd sample

Intial: _____
Date: _____

METALS STANDARD DOCUMENTATION

Standard:	20 ug/mL Mercury Standard	**ME #:**	0604002
Date Received/Prepped:	4/14/2006	**By:**	DTN
Date Expired:	5/1/2007	**Lot #:**	Y-CICP17047
Manufacturer:	Inorganic Ventures	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	3133
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Mercury (Hg)	Cat No.: TCLP-AA-HG	20	mg/L

Reagent Preparation Documentation

Page: _____

Reagent: 3% HCl solution
Date Received/Prepped: 4/11/06/ 4/12/06/4/19/06 / 4/20/06/4/24/06/4/28/06
Date Expired: 9/11/06/ 9/12/06/9/19/06 / 9/20/06/9/24/06/9/28/06
Manufacturer:
Storage Condition:

MW #: DYH060411-1
By: DYH
Matrix: AQ
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
35mL HCl		R100370	

Comment: 5/3/06 5/5/06 5/12/06
10/2/06 10/5/06 10/10/06

Reagent: 100 ppb Hg Cal Std Solution
Date Received/Prepped: 4/20/06/ / / / /
Date Expired: 6/20/06/ / / / /
Manufacturer:
Storage Condition:

MW #: DYH060420-1
By: DYH
Matrix: AQ 2% HNO_3
Amount: 100mL
Lot #:

Component	Comment	Standard	Concentration
0.5mL	20 ppm Hg Std	~~ME0604002~~	
		ME0604002	DYH 8/3/06

Comment:

Reagent: 5% $KMnO_4$
Date Received/Prepped: 4/20/06/ / / / /
Date Expired: 10/20/06/ / / / /
Manufacturer:
Storage Condition:

MW #: DYH060420-2
By: DYH
Matrix: AQ
Amount: 1L
Lot #:

Component	Comment	Standard	Concentration
500g $KMnO_4$		R100238	

Comment:

Mercury (7470/245.1) By FIMS

Analyzed By: DYH DYH

File ID: 060327C

Date Digested: 3/27/06
Digest Start: 18:00

By: DYH
Digest End: 20:00

Water Bath Temp (C): 95.5 Correction: ±0.2 Final: 95.5±0.2
Thermometer calibration expiration date: 7/22/06

Approved By: _____

Date: _____

Seq	Sample ID	Date	Time	Dil	pH/Wt	Raw	Result	Comment
1	Calib Blank	03/27/2006	21:13	1		0.000000		
2	0.2 PPB	03/27/2006	21:14	1		0.000000		
3	0.5 PPB	03/27/2006	21:15	1		0.000000		
4	1.00 PPB	03/27/2006	21:17	1		0.000000		
5	2.00 PPB	03/27/2006	21:18	1		0.000000		
6	5.00 PPB	03/27/2006	21:19	1		0.000000		
7	ICV	03/27/2006	21:21	1	pH<2	5.00480	5.005	100.1%
8	ICB/CCB	03/27/2006	21:22	1	pH	0.00647	0.0065	
9	Method Blank	03/27/2006	21:23	1	pH	0.00201	0.0020	
10	MRL - 1	03/27/2006	21:26	1	pH	0.21383	0.2138	106.9%
11	LCS - 1	03/27/2006	21:28	1	pH	1.52033	1.520	101.4%
12	LCS - 2	03/27/2006	21:31	1	pH	1.54442	1.544	103.0%
13	2603090347	03/27/2006	21:32	1	pH	0.00800	0.0080	
14	2603090347MS	03/27/2006	21:35	1	pH	1.57776	(1.578)	105.2%
15	2603090347MSD	03/27/2006	21:37	1	pH	1.57824	(1.578)	105.2%
16	2603100260	03/27/2006	21:39	1	pH	0.00217	0.0022	
17	2603140436	03/27/2006	21:40	1	pH	0.00469	0.0047	
18	2603140472	03/27/2006	21:41	1	pH	-.00026	-.0003	
19	CCV 2.0	03/27/2006	21:43	1	pH	1.96765	1.968	98.4%
20	ICB/CCB	03/27/2006	21:44	1	pH	0.00384	0.0038	
21	2603150119	03/27/2006	21:45	1	pH	0.00167	0.0017	
22	2603150120	03/27/2006	21:47	1	pH	0.01511	0.0151	
23	2603210144	03/27/2006	21:48	1	pH	0.00311	0.0031	
24	2603210150	03/27/2006	21:49	1	pH	0.00663	0.0066	
25	2603210153	03/27/2006	21:51	1	pH	0.01818	0.0182	
26	2603210155	03/27/2006	21:52	1	pH	0.00278	0.0028	
27	2603250005	03/27/2006	21:53	1	pH	-.00093	-.0009	
28	2603250005MS	03/27/2006	21:56	1	pH	1.54734	(1.547)	103.2%
29	2603250005MSD	03/27/2006	21:58	1	pH	1.58164	(1.582)	105.4%
30	2603220357	03/27/2006	22:00	1	pH	0.00131	0.0013	
31	CCV 2.0	03/27/2006	22:01	1	pH	1.95826	1.958	97.9%
32	1.0 CCV	03/27/2006	22:02	1	pH	1.04377	1.044	104.4%
33	ICB/CCB	03/27/2006	22:04	1	pH	0.00225	0.0023	
34	2603210156	03/27/2006	22:05	1	pH	0.00249	0.0025	
35	2603220347	03/27/2006	22:06	1	pH	0.00181	0.0018	
36	2603220348	03/27/2006	22:08	1	pH	0.00205	0.0020	
37	2603220360	03/27/2006	22:09	1	pH	0.00155	0.0015	
38	2603230069	03/27/2006	22:10	1	pH	0.00290	0.0029	
39	2603230197	03/27/2006	22:12	1	pH	0.00243	0.0024	
40	2603240118	03/27/2006	22:13	1	pH	0.00235	0.0024	
41	2603240122	03/27/2006	22:15	1	pH	0.02866	0.0287	
42	METH BLK 2	03/27/2006	22:16	1	pH	0.00118	0.0012	
43	LCS - 3	03/27/2006	22:19	1	pH	1.58035	1.580	105.4%
44	CCV 2.0	03/27/2006	22:20	1	pH	1.95848	1.958	97.9%

45	ICB/CCB	03/27/2006 22:21	1	pH <2	0.00155	0.0015	
46	LCS - 4	03/27/2006 22:24	1	pH	1.58155	1.582	105.4%
47	2603240111	03/27/2006 22:25	1	pH	0.00332	0.0033	
48	2603240~~111~~119MS DYH 3/27/06	03/27/2006 22:28	1	pH	1.34133	(1.341)	89.4%
49	2603240~~111~~120MSD	03/27/2006 22:30	1	pH	1.34418	(1.344)	89.6%
50	2603240135	03/27/2006 22:31	1	pH	0.00580	0.0058	
51	2603240012	03/27/2006 22:33	1	pH	0.00071	0.0007	
52	2603240013	03/27/2006 22:34	1	pH	0.00445	0.0045	
53	2603240020	03/27/2006 22:35	1	pH	0.00164	0.0016	
54	2603240030	03/27/2006 22:37	1	pH	0.00181	0.0018	
55	2603240031	03/27/2006 22:38	1	pH	0.00307	0.0031	
56	CCV 2.0	03/27/2006 22:39	1	pH	1.96841	1.968	98.4%
57	1.0 CCV	03/27/2006 22:41	1	pH	1.02220	1.022	102.2%
58	ICB/CCB	03/27/2006 22:42	1	pH	0.00163	0.0016	
59	2603240032	03/27/2006 22:44	1	pH	0.00080	0.0008	
60	2603240033	03/27/2006 22:45	1	pH	0.00025	0.0003	
61	2603240034	03/27/2006 22:46	1	pH	-.00090	-.0009	
62	MRL - 2	03/27/2006 22:49	1	pH	0.20679	0.2068	103.4%
63	CCV 2.0	03/27/2006 22:50	1	pH	1.96567	1.966	98.3%
64	ICB/CCB	03/27/2006 22:52	1	pH	0.00037	0.0004	

Reagent Documentation

Calibration Standard: ME0504002 5/1/06 LCS Standard: ME0503010 9/30/06

Potassium Permaganate: R100387
Hydroxyamine HCL: DYH060221-1
Sulfuric Acid: R201285
Stannous Chloride: DYH060203-1

Potassium Persulfate: DYH050922-1
Nitric Acid: R100360
Hydrochloric Acid: R100370

Version: Ami Mizuno

Acceptance Criteria:

LCS ----- 85-115%
MS/MSD ----- 70-130%
CCV ----- 90-100%
MRL ----- +/- 50%

Method Name: HGWATER2
Method Description: HGWATER
Element: Hg

Date: 03/27/2006
Technique:FI-MHS
Calibration Type:
Hg, Zero Intercept: Linear
Wavelength: 253.7 nm
Sample Info Name: 060327C.SIF Results Data Set Name: 060327C

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 03/27/2006
Sample ID: Calib Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0002	0.0017	0.0002	09:13:01	No

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 03/27/2006
Sample ID: 0.2 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0036	0.0310	0.0038	09:14:20	No

[Hg] Standard number 1 applied. [0.200]
Correlation Coefficient: 1.00000 Slope: 0.01778

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 03/27/2006
Sample ID: 0.5 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0086	0.0711	0.0088	09:15:41	No

[Hg] Standard number 2 applied. [0.500]
Correlation Coefficient: 0.99949 Slope: 0.01724

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 03/27/2006
Sample ID: 1.00 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0166	0.1369	0.0168	09:17:02	No

[Hg] Standard number 3 applied. [1.000]
Correlation Coefficient: 0.99940 Slope: 0.01673

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 03/27/2006
Sample ID: 2.00 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0315	0.2596	0.0317	09:18:25	No

[Hg] Standard number 4 applied. [2.000]
Correlation Coefficient: 0.99890 Slope: 0.01600

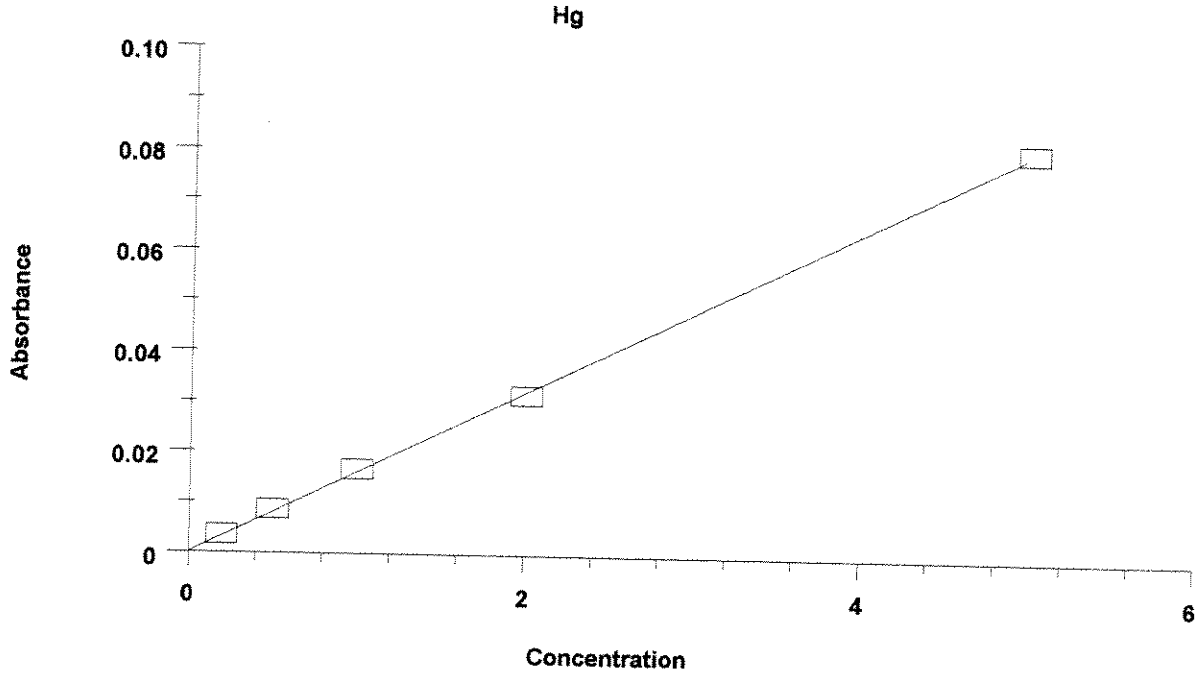
Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 03/27/2006
Sample ID: 5.00 PPB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0806	0.6602	0.0808	09:19:48	No

[Hg] Standard number 5 applied. [5.000]
Correlation Coefficient: 0.99985 Slope: 0.01610

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
Calib Blank	0.0002	---	----	----	----
0.2 PPB	0.0036	0.200	0.221	----	----
0.5 PPB	0.0086	0.500	0.533	----	----
1.00 PPB	0.0166	1.000	1.030	----	----
2.00 PPB	0.0315	2.000	1.955	----	----
5.00 PPB	0.0806	5.000	5.007	----	----
Correlation Coefficient: 0.99985		Slope:	0.01610	----	



Element: Hg Seq. No.: 7 AS Loc.: 6 Date: 03/27/2006
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.005	5.005	0.0806	0.6597	0.0808	09:21:16	No

QC value within specified limits.

Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0001	0.0023	0.0003	09:22:37	No

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 9 Date: 03/27/2006
Sample ID: Method Blank

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0015	0.0003	09:23:55	No

Element: Hg Seq. No.: 10 AS Loc.: 10 Date: 03/27/2006
Sample ID: MRL - 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.217	0.217	0.0035	0.0311	0.0037	09:25:13	No
2	0.216	0.216	0.0035	0.0306	0.0037	09:25:48	No
3	0.209	0.209	0.0034	0.0284	0.0036	09:26:23	No
Mean:	0.214	0.214	0.0034				
SD :	0.0043	0.0043	0.0001				
%RSD:	2.0	2.0	2.0217				

Element: Hg Seq. No.: 11 AS Loc.: 11 Date: 03/27/2006
Sample ID: LCS - 1

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.539	1.539	0.0248	0.2039	0.0250	09:27:41	No
2	1.516	1.516	0.0244	0.1982	0.0246	09:28:16	No
3	1.506	1.506	0.0243	0.1971	0.0245	09:28:51	No
Mean:	1.520	1.520	0.0245				
SD :	0.0170	0.0170	0.0003				
%RSD:	1.1	1.1	1.1153				

Element: Hg Seq. No.: 12 AS Loc.: 12 Date: 03/27/2006
Sample ID: LCS - 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.554	1.554	0.0250	0.2060	0.0252	09:30:10	No
2	1.541	1.541	0.0248	0.2018	0.0250	09:30:45	No
3	1.538	1.538	0.0248	0.2016	0.0250	09:31:20	No
Mean:	1.544	1.544	0.0249				
SD :	0.0087	0.0087	0.0001				
%RSD:	0.6	0.6	0.5619				

Element: Hg Seq. No.: 13 AS Loc.: 13 Date: 03/27/2006
Sample ID: 2603090347

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.008	0.008	0.0001	0.0033	0.0004	09:32:40	No

Element: Hg Seq. No.: 14 AS Loc.: 14 Date: 03/27/2006
Sample ID: 2603090347MS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.597	1.597	0.0257	0.2111	0.0259	09:34:00	No
2	1.581	1.581	0.0255	0.2075	0.0257	09:34:35	No
3	1.555	1.555	0.0250	0.2030	0.0253	09:35:10	No
Mean:	1.578	1.578	0.0254				
SD :	0.0214	0.0214	0.0003				
%RSD:	1.4	1.4	1.3547				

Element: Hg Seq. No.: 15 AS Loc.: 15 Date: 03/27/2006
Sample ID: 2603090347MSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.593	1.593	0.0257	0.2101	0.0259	09:36:30	No
2	1.569	1.569	0.0253	0.2048	0.0255	09:37:05	No
3	1.573	1.573	0.0253	0.2055	0.0255	09:37:40	No
Mean:	1.578	1.578	0.0254				
SD :	0.0132	0.0132	0.0002				
%RSD:	0.8	0.8	0.8358				

Element: Hg Seq. No.: 16 AS Loc.: 16 Date: 03/27/2006
Sample ID: 2603100260

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0024	0.0003	09:39:00	No

Element: Hg Seq. No.: 17 AS Loc.: 17 Date: 03/27/2006
Sample ID: 2603140436

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.005	0.005	0.0001	0.0026	0.0003	09:40:22	No

Element: Hg Seq. No.: 18 AS Loc.: 18 Date: 03/27/2006
Sample ID: 2603140472

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000	0.000	0.0000	0.0016	0.0002	09:41:44	No

Element: Hg Seq. No.: 19 AS Loc.: 5 Date: 03/27/2006
Sample ID: CCV 2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.968	1.968	0.0317	0.2599	0.0319	09:43:06	No

QC value within specified limits.

Element: Hg Seq. No.: 20 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.004	0.004	0.0001	0.0024	0.0003	09:44:26	No

QC value within specified limits.

Element: Hg Seq. No.: 21 AS Loc.: 19 Date: 03/27/2006
Sample ID: 2603150119

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0021	0.0002	09:45:46	No

Element: Hg Seq. No.: 22 AS Loc.: 20 Date: 03/27/2006
Sample ID: 2603150120

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.015	0.015	0.0002	0.0036	0.0005	09:47:08	No

Element: Hg Seq. No.: 23 AS Loc.: 21 Date: 03/27/2006
Sample ID: 2603210144

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0001	0.0021	0.0003	09:48:32	No

Element: Hg Seq. No.: 24 AS Loc.: 22 Date: 03/27/2006
Sample ID: 2603210150

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.007	0.007	0.0001	0.0027	0.0003	09:49:56	No

Element: Hg Seq. No.: 25 AS Loc.: 23 Date: 03/27/2006
Sample ID: 2603210153

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.018	0.018	0.0003	0.0042	0.0005	09:51:20	No

Element: Hg Seq. No.: 26 AS Loc.: 24 Date: 03/27/2006
Sample ID: 2603210155

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0000	0.0022	0.0003	09:52:40	No

Element: Hg Seq. No.: 27 AS Loc.: 25 Date: 03/27/2006
Sample ID: 2603250005

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.001	-0.001	0.0000	0.0014	0.0002	09:53:58	No

Element: Hg Seq. No.: 28 AS Loc.: 26 Date: 03/27/2006
Sample ID: 2603250005MS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.556	1.556	0.0251	0.2058	0.0253	09:55:16	No
2	1.548	1.548	0.0249	0.2029	0.0251	09:55:51	No
3	1.538	1.538	0.0248	0.2012	0.0250	09:56:26	No
Mean:	1.547	1.547	0.0249				
SD :	0.0094	0.0094	0.0002				
%RSD:	0.6	0.6	0.6081				

Element: Hg Seq. No.: 29 AS Loc.: 27 Date: 03/27/2006
Sample ID: 2603250005MSD

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.592	1.592	0.0256	0.2103	0.0259	09:57:44	No
2	1.583	1.583	0.0255	0.2079	0.0257	09:58:19	No
3	1.570	1.570	0.0253	0.2055	0.0255	09:58:54	No
Mean:	1.582	1.582	0.0255				
SD :	0.0115	0.0115	0.0002				
%RSD:	0.7	0.7	0.7241				

Element: Hg Seq. No.: 30 AS Loc.: 28 Date: 03/27/2006
Sample ID: 2603220357

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	0.0017	0.0002	10:00:13	No

Element: Hg Seq. No.: 31 AS Loc.: 5 Date: 03/27/2006
Sample ID: CCV 2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.958	1.958	0.0315	0.2595	0.0318	10:01:34	No

QC value within specified limits.

Element: Hg Seq. No.: 32 AS Loc.: 4 Date: 03/27/2006
Sample ID: 1.0 CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.044	1.044	0.0168	0.1382	0.0170	10:02:55	No

QC value within specified limits.

Element: Hg Seq. No.: 33 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0022	0.0003	10:04:15	No

QC value within specified limits.

Element: Hg Seq. No.: 34 AS Loc.: 29 Date: 03/27/2006
Sample ID: 2603210156

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0022	0.0003	10:05:34	No

Element: Hg Seq. No.: 35 AS Loc.: 30 Date: 03/27/2006
Sample ID: 2603220347

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0020	0.0003	10:06:54	No

Element: Hg Seq. No.: 36 AS Loc.: 31 Date: 03/27/2006
Sample ID: 2603220348

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0021	0.0003	10:08:14	No

Element: Hg Seq. No.: 37 AS Loc.: 32 Date: 03/27/2006
Sample ID: 2603220360

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0022	0.0002	10:09:35	No

Element: Hg Seq. No.: 38 AS Loc.: 33 Date: 03/27/2006
Sample ID: 2603230069

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0000	0.0022	0.0003	10:10:57	No

Element: Hg Seq. No.: 39 AS Loc.: 34 Date: 03/27/2006
Sample ID: 2603230197

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0023	0.0003	10:12:19	No

Element: Hg Seq. No.: 40 AS Loc.: 35 Date: 03/27/2006
Sample ID: 2603240118

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0019	0.0003	10:13:41	No

Element: Hg Seq. No.: 41 AS Loc.: 36 Date: 03/27/2006
Sample ID: 2603240122

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.029	0.029	0.0005	0.0058	0.0007	10:15:03	No

Element: Hg Seq. No.: 42 AS Loc.: 37 Date: 03/27/2006
Sample ID: METH BLK 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	0.0020	0.0002	10:16:27	No

Element: Hg Seq. No.: 43 AS Loc.: 38 Date: 03/27/2006
Sample ID: LCS - 3

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.580	1.580	0.0254	0.2101	0.0257	10:17:51	No
2	1.577	1.577	0.0254	0.2077	0.0256	10:18:26	No
3	1.583	1.583	0.0255	0.2071	0.0257	10:19:01	No
Mean:	1.580	1.580	0.0254				
SD :	0.0031	0.0031	0.0000				
%RSD:	0.2	0.2	0.1933				

Element: Hg Seq. No.: 44 AS Loc.: 5 Date: 03/27/2006
Sample ID: CCV 2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.958	1.958	0.0315	0.2592	0.0318	10:20:24	No

QC value within specified limits.

Element: Hg Seq. No.: 45 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0018	0.0002	10:21:44	No

QC value within specified limits.

Element: Hg Seq. No.: 46 AS Loc.: 39 Date: 03/27/2006
Sample ID: LCS - 4

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.594	1.594	0.0257	0.2118	0.0259	10:23:05	No
2	1.583	1.583	0.0255	0.2079	0.0257	10:23:41	No
3	1.568	1.568	0.0252	0.2054	0.0255	10:24:16	No
Mean:	1.582	1.582	0.0255				
SD :	0.0132	0.0132	0.0002				
%RSD:	0.8	0.8	0.8366				

Element: Hg Seq. No.: 47 AS Loc.: 40 Date: 03/27/2006
Sample ID: 2603240111

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0001	0.0022	0.0003	10:25:45	No

Element: Hg Seq. No.: 48 AS Loc.: 41 Date: 03/27/2006
Sample ID: 2603240~~111~~119MS DYH 3/27/06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.346	1.346	0.0217	0.1821	0.0219	10:27:02	No
2	1.342	1.342	0.0216	0.1790	0.0218	10:27:37	No
3	1.336	1.336	0.0215	0.1784	0.0217	10:28:12	No
Mean:	1.341	1.341	0.0216				
SD :	0.0050	0.0050	0.0001				
%RSD:	0.4	0.4	0.3761				

Element: Hg Seq. No.: 49 AS Loc.: 42 Date: 03/27/2006
Sample ID: 2603240~~111~~120MSD DYH 3/27/06

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.345	1.345	0.0217	0.1818	0.0219	10:29:30	No
2	1.348	1.348	0.0217	0.1804	0.0219	10:30:05	No
3	1.339	1.339	0.0216	0.1790	0.0218	10:30:40	No
Mean:	1.344	1.344	0.0216				
SD :	0.0044	0.0044	0.0001				
%RSD:	0.3	0.3	0.3260				

Element: Hg Seq. No.: 50 AS Loc.: 43 Date: 03/27/2006
Sample ID: 2603240135

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.006	0.006	0.0001	0.0026	0.0003	10:31:58	No

Element: Hg Seq. No.: 51 AS Loc.: 44 Date: 03/27/2006
Sample ID: 2603240012

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	0.0019	0.0002	10:33:17	No

Element: Hg Seq. No.: 52 AS Loc.: 45 Date: 03/27/2006
Sample ID: 2603240013

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.004	0.004	0.0001	0.0024	0.0003	10:34:37 No

Element: Hg Seq. No.: 53 AS Loc.: 46 Date: 03/27/2006
Sample ID: 2603240020

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0020	0.0002	10:35:57	No

Element: Hg Seq. No.: 54 AS Loc.: 47 Date: 03/27/2006
Sample ID: 2603240030

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0020	0.0003	10:37:17	No

Element: Hg Seq. No.: 55 AS Loc.: 48 Date: 03/27/2006
Sample ID: 2603240031

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.003	0.003	0.0000	0.0023	0.0003	10:38:37	No

Element: Hg Seq. No.: 56 AS Loc.: 5 Date: 03/27/2006
Sample ID: CCV 2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.968	1.968	0.0317	0.2613	0.0319	10:39:59	No

QC value within specified limits.

Element: Hg Seq. No.: 57 AS Loc.: 4 Date: 03/27/2006
Sample ID: 1.0 CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.022	1.022	0.0165	0.1358	0.0167	10:41:21	No

QC value within specified limits.

Element: Hg Seq. No.: 58 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.002	0.002	0.0000	0.0020	0.0002	10:42:41	No

QC value within specified limits.

Element: Hg Seq. No.: 59 AS Loc.: 49 Date: 03/27/2006
Sample ID: 2603240032

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.001	0.001	0.0000	0.0020	0.0002	10:44:01	No

Element: Hg Seq. No.: 60 AS Loc.: 50 Date: 03/27/2006
Sample ID: 2603240033

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000	0.000	0.0000	0.0019	0.0002	10:45:23	No

Element: Hg Seq. No.: 61 AS Loc.: 51 Date: 03/27/2006
Sample ID: 2603240034

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.001	-0.001	0.0000	0.0017	0.0002	10:46:45	No

Element: Hg Seq. No.: 62 AS Loc.: 52 Date: 03/27/2006
Sample ID: MRL - 2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.206	0.206	0.0033	0.0288	0.0035	10:48:07	No
2	0.207	0.207	0.0033	0.0287	0.0036	10:48:42	No
3	0.207	0.207	0.0033	0.0286	0.0036	10:49:17	No
Mean:	0.207	0.207	0.0033				
SD :	0.0005	0.0005	0.0000				
%RSD:	0.2	0.2	0.2358				

Element: Hg Seq. No.: 63 AS Loc.: 5 Date: 03/27/2006
Sample ID: CCV 2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.966	1.966	0.0316	0.2607	0.0319	10:50:40	No

QC value within specified limits.

Element: Hg Seq. No.: 64 AS Loc.: 1 Date: 03/27/2006
Sample ID: ICB/CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.000	0.000	0.0000	0.0018	0.0002	10:52:00	No

QC value within specified limits.

pH

Reagent Documentation

Reagent: Buffer pH 6.0
Date Received: 24 Jan 06
Date Expired: 31 Jan 07
Manufacturer: Spectrum
Storage Condition: room temp.

Reagent #: 201318
By: LMR
Matrix: aq
Amount: 4-L
Lot #: VA0407

Component	Comment	Standard	Concentration
	Spectrum # B-250		

Comment:

Reagent: Ultrex HNO_3
Date Received: 27 Jan 06
Date Expired: Jan 09
Manufacturer: J.T. Baker
Storage Condition: roomtemp

Reagent #: 201319
By: LMR
Matrix: aq
Amount: 500ml
Lot #: B40436

Component	Comment	Standard	Concentration
	VWR # JT6901-5		

Comment:

Reagent: Ultrex HNO_3
Date Received: 27 Jan 06 / 24 Feb 06
Date Expired: Jan 09
Manufacturer: J.T. Baker
Storage Condition: roomtemp

Reagent #: 201320
By: LMR
Matrix: aq
Amount: 500 ml / 2x500 ml
Lot #: B40437

Component	Comment	Standard	Concentration
	VWR # JT6901-5		

Comment:

Reagent Documentation

Reagent: Buffer Modified EDTA
Date Received: 9 Feb 06
Date Expired: 31 Dec 06
Manufacturer: EMD
Storage Condition: room temp

Reagent #: 201330
By: LMR
Matrix: aq
Amount: 2x1-L
Lot #: 5340

Component	Comment	Standard	Concentration
	VWR# GC0146-1		

Comment:

Reagent: Sodium Hydroxide
Date Received: 2/10/06
Date Expired: Feb/09
Manufacturer: EMD
Storage Condition: Room Temp

Reagent #: 201331
By: WBM
Matrix: SOLID
Amount: 2.5 kg
Lot #: 45272545

Component	Comment	Standard	Concentration
	VWR # FM-SX0593-3		

Comment:

Reagent: pH Buffer 12.0
Date Received: 2/10/06
Date Expired: 9/30/07
Manufacturer: VWR
Storage Condition: Room Temp

Reagent #: 201332
By: WBM
Matrix: AQ
Amount: 2 x 500 mL
Lot #: 5283

Component	Comment	Standard	Concentration
	VWR # 34170-268		

Comment:

Reagent Documentation

Reagent: TKN Digestion Solution
Date Received: 8 Mar 06
Date Expired: Jan 109
Manufacturer: HACH
Storage Condition: room temp

Reagent #: 201345
By: LMR
Matrix: aq
Amount: 4x1-L
Lot #: A6018

Component	Comment	Standard	Concentration
	HACH # 23404-53		

Comment:

Reagent: Ammonium Molybdate - 4% soln
Date Received: 17 Mar 06
Date Expired: 31 Mar 07
Manufacturer: Spectrum Chemical
Storage Condition: refrigerate 4± 2°C

Reagent #: 201346
By: LMR
Matrix: aq
Amount: 6x500ml
Lot #: VC0169

Component	Comment	Standard	Concentration
	Spectrum # A-320		

Comment:

Reagent: Buffer pH 12.0
Date Received: 22 Mar 06
Date Expired: 31 May 07
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201347
By: LMR
Matrix: aq
Amount: 2x500ml
Lot #: 5136

Component	Comment	Standard	Concentration
	VWR # 34170-268		

Comment:

Reagent Documentation

Reagent: Conductivity Std - 2 µmhos/
Date Received: 7 Nov 05 / 14 Dec 05 / 14 Feb 06 / 10 Apr 06
Date Expired: 1 Dec 06 / 1 Jan 07 / May 07
Manufacturer: Inorganic Ventures
Storage Condition: room temp

Reagent #: 201270
By: LMR
Matrix: aq
Amount: 500 ml / 1×500ml / 2×500ml / 1×5
Lot #: Y-CQCP02144

Component	Comment	Standard	Concentration
	IV # CON-KCL-2		

Comment:

Reagent: Ultrex HNO_3
Date Received: 10 Nov 05
Date Expired: Nov '10
Manufacturer: J.T. Baker
Storage Condition: room temp

Reagent #: 201271
By: LMR
Matrix: aq
Amount: 2×500 ml
Lot #: B29782

Component	Comment	Standard	Concentration
	VWR # JT6901-5		

Comment:

Reagent: pH 10.0 buffer
Date Received: 10 Nov 05
Date Expired: 31 Aug 06
Manufacturer: VWR
Storage Condition: room temp

Reagent #: 201272
By: LMR
Matrix: aq
Amount: 5gal
Lot #: 5212

Component	Comment	Standard	Concentration
	VWR# 34170-161		

Comment:

Scan Prep Sheet

Lab Batch No. (Filename): INOTI032206 Raja

Analysis Date (start date): 03-22-06

LAB TEST TYPE (Method reference): SM4500 H+B

NOTES:

MWH Laboratories
750 Royal Oaks Dr., Ste 100
Monrovia, CA 91016

ISE - pH MW SOP REVISION 4
SM4500-H+ B

Analysis Date Completed: 3-22-06
Analyst: Raja
Reviewed By:
LIMS By:

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)

pH 4 Buffer R# 201188 Exp. 05/07
pH 7 Buffer R# 201114 Exp. 11/06
pH 10 Buffer R# 201272 Exp. 08/06
pH 6 Buffer R# 201185 Exp. 04/07
pH 12.0 Buffer R# 21332 Exp: 09/07

Electrode Mfr Denver SN 30072911
Metler Seven Multi S/N 1225267116
Denver Instrument Model pH250 S/N K08094 (Aug 2005, new)
Efficiency/Slope: 58
Efficiency taken directly from pH meter

Buffers

	Initial		
	mV	pH	Temp °C
4.0	171.8	3.98	22.8
7.0	-3.2	7.01	22.8
10.0	-178.1	9.99	22.7

Run #	Sample Number	Sample ID	Date Collected	Client	Temp °C	mV	Reading pH units	Reported (± 0.1 units)	Comments
LCS	pH				22.7		6.00	6.0	± 0.05 pH units of TV
1	2603200005	P110306/2010	03-11-06	Pepsi-Pak	21.7		6.78	6.8	
2	26032 00306	6806 INF 13	03-17-06	Basin-Ranch	22.7		9.01	9.0	
3	2603200307	6606 EFF 13	↓	↓	22.5		9.38	9.4	
4	2603200296	7th+8th st	03-20-06	IEUA	22.4		6.84	6.8	
5	2603200303	Turner T-2			22.4		7.56	7.6	
6	2603200297	College Height			22.3		8.01	8.0	
7	2603200289	San Sevaine			22.2		8.07	8.1	
8	2603200298	Upland			22.2		8.16	8.2	
9	2603200299	Montclair 1			22.0		7.90	7.9	
10	2603200 300	Montclair 2			21.9		7.20	7.2	
Sam Dup	↓	↓			22.1		7.15	7.2	± 0.1 units of original
11	2603200290	San Sevaine 2			22.4		8.94	8.9	
12	2603200304	RP-3 Ponds			22.2		10.16	10.2	
13	260 3200301	Montclair 3			22.3		7.32	7.3	
14	2603200302	Montclair 4			22.2		7.24	7.2	
15	2603200291	San Sevaine 3			23.0		7.87	7.9	
16	2603200305	Declez			22.9		8.12	8.1	
17	2603200295	Brooks			22.8		7.03	7.0	
18	2603200292	San Sevaine 4			22.7		7.40	7.4	
19	2603200293	Victoria			22.6		8.58	8.6	
20	2603200294	Lower Day			22.4		8.08	8.1	
Sam Dup	↓	↓			22.4		8.06	8.1	± 0.1 units of original
CAL STD	pH - 4.0				21.7		3.99		± 0.05 pH units of TV
CAL STD	pH - 7.0				21.6		7.02		± 0.05 pH units of TV
CAL STD	pH - 10.0		↓	↓	21.5		10.01		± 0.05 pH units of TV
LCS	pH - 6.0				22.0		6.01		± 0.05 pH units of TV

22.8 12.03

pH.xls

MWH Laboratories
750 Royal Oaks Dr., Ste 100
Monrovia, CA 91016

ISE - pH MW SOP REVISION 4
SM4500-H+ B

Analysis Date Completed: 3-22-06
Analyst: Raja
Reviewed By:
LIMS By:

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)

pH 4 Buffer R# 201188 Exp. 05/07
pH 7 Buffer R# 201114 Exp. 11/06
pH 10 Buffer R# 201272 Exp. 08/06
pH 6 Buffer R# 201185 Exp. 04/07

Buffers

	Initial mV	pH	Temp °C
4.0	171.8	3.99	21.7
7.0	-3.2	7.02	21.6
10.0	-178.1	10.01	21.5

Electrode Mfr Denver SN 360729.1
Metler Seven Multi S/N 1225267116
Denver Instrument Model pH250 S/N K08094 (Aug 2005, new)
Efficiency/Slope: 58
Efficiency taken directly from pH meter

Run #	Sample Number	Sample ID	Date Collected	Client	Temp °C	mV	Reading pH units	Reported (± 0.1 units)	Comments
LCS	pH				22.0		6.01	6.0	± 0.05 pH units of TV
1	2603210336	Hudson	3-21-06	La Puente	21.0		7.96	8.0	
2	2603210338	Main St.	↓	↓	20.6		7.98	8.0	
3	2603210339	SP-5	↓	↓	20.6		7.08	7.1	
4	26032l0152	outfall 002	03-20-06	Kerrmcgee	21.1		8.12	8.1	
5	2603210041	Effluent		↓	21.9		6.47	6.5	
6	26032l0258	Source city		CCG	22.2		6.50	6.5	
7	2603210241	Source			23.0		8.10	8.1	
8	2603210259	CSD-MSM			22.5		7.21	7.2	
9	2603210240	CSD-MSM T.		↓	22.2		5.04	5.0	
10	2603210379	Sampling H2O		Danone-LA	21.9		8.02	8.0	
Sam Dup	↓	↓		↓	22.0		8.01	8.0	± 0.1 units of original
11	26032l0185	BHS03D1		CMPL-Nest	21.6		8.04	8.0	
12	26032l0218	2006015622		Phoenix AZ	20.3		7.17	7.2	
13	2603210221	2006015615	↓		20.5		7.18	7.2	
14	2603210208	2606015894	3-21-06		20.6		7.30	7.3	
15	2603210206	2006015886	↓	↓	20.5		7.23	7.2	
16	2603210215	BHS0501	03-20-06	CMPL-Nest	21.8		7.97	8.0	
17	2603210387	1th4 Chicago	03-21-06	Riverside	22.0		7.64	7.6	
18	2603140472	Pump Blank	03-13-06	ENSR	22.4		8.10	8.1	
19	2603140436	TR-10A	↓		22.5		8.26	8.3	
20	2603150120	TR-9A	03-14-06		21.7		7.96	8.0	
Sam Dup	↓	↓	↓	↓	21.8		7.96	8.0	± 0.1 units of original
CAL STD	pH - 4.0				22.0		3.99	4.0	± 0.05 pH units of TV
CAL STD	pH - 7.0				21.7		7.03	7.0	± 0.05 pH units of TV
CAL STD	pH - 10.0				21.8		9.99	10.0	± 0.05 pH units of TV
LCS	pH - 6.0				22.3		6.01	6.0	± 0.05 pH units of TV

MWH Laboratories
750 Royal Oaks Dr., Ste 100
Monrovia, CA 91016

ISE - pH MW SOP REVISION 4
SM4500-H+ B

Analysis Date Completed: 3-22-06
Analyst: Raja
Reviewed By: _____
LIMS By: _____

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)

pH 4 Buffer R# 201188 Exp. 05/07
pH 7 Buffer R# 201114 Exp. 11/06
pH 10 Buffer R# 201272 Exp. 08/06
pH 6 Buffer R# 201185 Exp. 04/07

Buffers

	Initial mV	pH	Temp °C
4.0	171.8	3.99	22.0
7.0	-3.2	7.03	21.7
10.0	-178.1	9.99	21.8

Electrode Mfr Denver SN 300729.1
Metler Seven Multi S/N 1225267116
Denver Instrument Model pH250 S/N K08094 (Aug 2005, new)
Efficiency/Slope: 58
Efficiency taken directly from pH meter

Run #	Sample Number	Sample ID	Date Collected	Client	Temp °C	mV	Reading pH units	Reported (± 0.1 units)	Comments
LCS	pH				22.3		6.01	6.0	± 0.05 pH units of TV
1	2603210156	TR-8D	03-20-06	ENSR	22.6		7.87	7.9	
2	2603210144	TR-8A			22.4		8.04	8.0	
3	2603210150	TR-7A			22.4		7.95	8.0	
4	2603210155	TR-8			23.1		8.04	8.0	
5	2603210153	M103A	↓	↓	22.2		7.92	7.9	
6	2603200323	593013	03-20-06	WRD	21.9		8.23	8.2	
7	2603200309	101805			22.1		8.22	8.2	
8	2603200310	101806			22.3		8.15	8.2	
9	2603200311	101804			22.1		8.43	8.4	
10	2603200312	101807			22.3		8.29	8.3	
Sam Dup	↓	↓			22.3		8.28	8.3	± 0.1 units of original
11	2603200313	101808	↓	↓	22.5		8.12	8.1	
12	2603220067	Wells 1	03-21-06	Danone	21.7		7.02	7.0	
13	2603220068	Wells 2			21.5		6.82	6.8	
14	2603220069	Wells 3			21.5		6.83	6.8	
15	2603220070	Wells 4			21.6		6.65	6.7	
16	2603220071	wastewater	↓	↓	21.8		6.51	6.5	
17	2603220347	M103	03-21-06	ENSR-Tyco	22.0		7.68	6.7	
18	2603220348	TR-7			21.9		7.91	7.9	
19	2603220357	TR-9			22.0		8.04	8.0	
20	2603220360	TR-10			22.2		7.86	7.9	
Sam Dup	↓	↓	↓	↓	22.3		7.85	7.9	± 0.1 units of original
CAL STD	pH - 4.0				22.0		3.98	4.0	± 0.05 pH units of TV
CAL STD	pH - 7.0				21.9		7.02	7.0	± 0.05 pH units of TV
CAL STD	pH - 10.0				21.9		9.98	10.0	± 0.05 pH units of TV
LCS	pH - 6.0				21.8		6.01	6.0	± 0.05 pH units of TV

MWH Laboratories
750 Royal Oaks Dr., Ste 100
Monrovia, CA 91016

ISE - pH MW SOP REVISION 4
SM4500-H+ B

Analysis Date Completed: 3-22-06
Analyst: Raja
Reviewed By:
LIMS By:

Was QC Criteria Met (Y) N
Was QIR Needed: Y (N)

pH 4 Buffer R# 201188 Exp. 05/07
pH 7 Buffer R# 201114 Exp. 11/06
pH 10 Buffer R# 201272 Exp. 08/06
pH 6 Buffer R# 201185 Exp. 04/07
pH 12.0 Buffer R # 2.1332 Exp. 09/07

Electrode Mfr Denver SN 300729.1
Metler Seven Multi S/N 1225267116
Denver Instrument Model pH250 S/N K08094 (Aug 2005, new)
Efficiency/Slope: 58
Efficiency taken directly from pH meter

Buffers

	Initial mV	pH	Temp °C
4.0	171.8	3.98	22.0
7.0	-3.2	7.02	21.9
10.0	-178.1	9.98	21.9

Run #	Sample Number	Sample ID	Date Collected	Client	Temp °C	mV	Reading pH units	Reported (± 0.1 units)	Comments
LCS	pH				21.8		6.01	6.0	± 0.05 pH units of TV
1	2603220331	SP 363	03-21-06	Maui	20.4		8.48	8.5	
2	2603220332	Kamaole Tr			20.5		8.32	8.3	
3	2603220333	Kamaole			20.4		8.15	8.2	
4	2603220334	Kamaole out			20.3		8.13	8.1	
5	2603220335	SP 401			20.4		10.49	10.5	
6	2603220336	Kanaio			20.2		8.80	8.8	
7	2603220337	U Kula			20.1		8.57	8.6	
8	2603220338	SP 96			20.2		8.32	8.3	
9	2603220339	Omaopio In			20.7		8.31	8.3	
10	2603220340	Omaopio out			20.8		8.33	8.3	
Sam Dup	2603220339	Omaopio In			21.0		8.28	8.3	± 0.1 units of original
11	2603220341	SP 10			20.6		9.17	9.2	
12	2603220342	MECO			21.0		8.03	8.0	
13	2603220343	SP 107	↓	↓	21.0		8.48	8.5	
14	2603220157	Anahim	3-21-06	CC DN	21.9		7.81	7.8	
15	2603220211	Trt water	3-21-06	CCE	22.2		6.21	6.2	
16	2603220241	42A8-013	03-22-06	Malcolm	22.0		6.05	6.1	
17	2603220266	SP-9 SW	03-22-06	~~03-22-06~~ RR	22.1		7.12	7.1	Valley Co
18	2603220055	1910213-88F			22.1		8.31	8.3	
19	2603150372	593008	03-15-06	WRD	22.6		8.13	8.1	
20	—	—	—	—					
Sam Dup	2603150372	593008	03-15-06	WRD	22.5		8.12	8.1	± 0.1 units of original
CAL STD	pH - 4.0				22.1		4.01	4.0	± 0.05 pH units of TV
CAL STD	pH - 7.0				21.8		7.00	7.0	± 0.05 pH units of TV
CAL STD	pH - 10.0				21.8		9.96	10.0	± 0.05 pH units of TV
LCS	pH - 6.0				21.5		6.01	6.0	± 0.05 pH units of TV
	pH - 12.0				22.4		12.04	12.0	

pH.xls

TDS

Reagent Preparation Documentation

Page:_____

Reagent: TDS 100ppm MRL
Date Received/Prepped: 4-12-06 / / / /
Date Expired: 05-12-06 / / / /
Manufacturer:
Storage Condition:

MW #: CDSOCC412-1
By: CPS
Matrix: 1
Amount: 1L
Lot #:

Component	Comment	Standard	Concentration
100mL of 1000ppm	into 1L D.I.	TDS/MRL	100ppm

Comment:

Reagent:
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #:
By:
Matrix:
Amount:
Lot #:

Component	Comment	Standard	Concentration

Comment:

Reagent:
Date Received/Prepped: / / / / /
Date Expired: / / / / /
Manufacturer:
Storage Condition:

MW #:
By:
Matrix:
Amount:
Lot #:

Component	Comment	Standard	Concentration

Reagent Preparation Documentation

Page:_____

Reagent: NaCl 175ppm for TDS LCS1
Date Received/Prepped: 3-2-06/4-3-06 5-4-06/ /
Date Expired: 4-2-06/5-3-06 6-4-06/ /
Manufacturer: Ricca
Storage Condition: Refrigerator - Room temp.

MW #: CPS060302-1
By: CPS
Matrix: 1
Amount: 1L
Lot #: R201205

Component	Comment	Standard	Concentration
3.5ml 5% NaCl	into a 1L Vol. flask	TDS LCS1	175ppm
"	"	"	"
"	"	"	"

Comment:

Reagent: Na_2SO_4 700ppm TDS
Date Received/Prepped: 3-14-06/4-17-06/4-28-06/ /
Date Expired: 4-14-06/5-17-06/5-28-06/ /
Manufacturer:
Storage Condition: Room Temp

MW #: CPS060314-1
By: CPS
Matrix: 1
Amount: 1L
Lot #: R300651

Component	Comment	Standard	Concentration
700.3mg Na_2SO_4	into 1L D.I. H_2O (Dried @ 400°C 2HRS)	TDS/LCS2	700ppm
"	"	"	"
700.2 "	"	"	"

Comment:

Reagent: TDS 10ppm MRL
Date Received/Prepped: 03-27-06/4-5-06/4-12-06/4-19-06/4-28-06/5-9-06
Date Expired: 04-27-06/5-5-06/5-12-06/5-19-06/5-28-06/6-9-06
Manufacturer:
Storage Condition: Room

MW #: CPS060327-1
By: CPS
Matrix: 1
Amount: 1L
Lot #:

Component	Comment	Standard	Concentration
100ml of 100ppm	into 1L D.I.	TDS/MRL	10ppm
" "	"	"	"
" "	"	"	"
" "	"	"	"
" "	"	"	"
" "	"	"	"

Reagent Preparation Documentation

Page: _____

Reagent: TSS 10 ppm celite for MRL
Date Received/Prepped: 12.6.05/12.22.05/1.19.06 2-10-06 3-14-06 4-24-06
Date Expired: 1.6.05/1.22.05/2.19.06 3-10-06/4-14-06/5-24-06
Manufacturer:
Storage Condition:

MW #: ANH051266-1
By: ANH
Matrix: 1
Amount: 1 L
Lot #: 20063C

Component	Comment	Standard	Concentration
99.0 mg celite	Dissolved in D.I. TO 1L solut	TSS/MRL	10 ppm
10.0 mg "	" " " " " "	" "	" "
10.2 mg "	" " " " " "	" "	" "
10.3 mg "	" " " " " "	" "	" "
10.1 mg "	" " " " " "	" "	" "
10.1 mg "	" " " " " "	" "	" "

Comment:

Reagent: TSS 17.5 ppm Celite
Date Received/Prepped: 1.13.06/3-1-06/5-11-06 / /
Date Expired: 2.13.06/4-1-06/6-11-06 / /
Manufacturer:
Storage Condition:

MW #: ~~ANH051272~~ ANH060113-1
By: ANH
Matrix: 1
Amount: 1 L
Lot #:

Component	Comment	Standard	Concentration
175.5 mg celite	in 1L D.I. H2O	TSS	175 ppm
175.9 mg celite	" "	"	"
"	"	"	"

Comment:

Reagent: TDS 10 ppm MRL
Date Received/Prepped: 12.16.05 2-21-06 2-27-06/3-7-06/3-17-06
Date Expired: 2.31.06/3.10.06 3-21-06/3-27-06/4-7-06/4-17-06
Manufacturer:
Storage Condition:

MW #: ANH051306-1
By: ANH
Matrix: 1
Amount: 1L
Lot #:

Component	Comment	Standard	Concentration
100mL of 100 ppm	into 1L D.I.	TDS/MRL	10 ppm
" "	" "	" "	" "
" "	" "	" "	" "
" "	" "	" "	" "
" "	" "	" "	" "

BATCH NO. TDS 2603140427

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-20-06 End: 3-21-06 1600
Analyst: CB
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 4

Standards:

		True Value	Exp. Date	% Rec.
NaCl MW#	ANH013126-1	10 mg/L	4-19-06	85-115
NaCl MW#	CB5060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW#	CB5060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	CP	51.4893	51.4893	0	ND	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	211	68.4090	68.4100	0.0010	10	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	100	32K	68.3803	68.3812	0.0009	9	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	JPC	50.9151	50.9238	0.0087	174	N/A	N/A	N/A	Rec 85-115%
1	2603140427	Tronox LLC	3-13-06	50	WX	50.7007	50.7350	0.0341	682	N/A	N/A	N/A	Rec 85-115%
Dup	0427	↓			K18	56.6054	56.6393	0.0339	678	7	1071		
2	0548	Inland Empire			1DO	56.5654	56.5989	0.0335	670		1071		
3	0472	Ensr			LB	66.8417	66.8474	0.0057	114		258		RPD </= 5%
4	0549	Toland Empire		100	H20	66.9988	66.9990	0.0002	ND	5	2,236		
5	2603130070	Riverside		50	MD	53.8472	53.8517	0.0045	90	6	194		
6	2603140129	Coca-Cola			P17	51.1444	51.1529	0.0085	170	6	303		
7	2603130071	Riverside		100	F23	69.4158	69.4188	0.0030	30	6	66.58		
8	0072			50	L17	71.8412	71.8516	0.0104	208	7	342		
9	0073	↓			BL6	50.5411	50.5532	0.0121	242		432		
10	2603140487	Re Seidon		↓	C13	57.8561	57.8727	0.0166	332		628		
11	0436	Ensr		2mL	P32	51.3526	51.4934	0.0708	35,400		48,930		
Dup	0436	↓		50	G14	51.5537	51.6351	0.0814	1630		2234		
12	0128	Coca-Cola			B5	50.4883	50.5702	0.0819	1630		2234		
13	2603150078				BU	50.3680	50.3722	0.0042	84	6	152		RPD </= 5%
14	0079	↓			P11	50.2703	50.2756	0.0053	106	6	273		
15	2603140111	Central Az.	3-14-06		E1	51.0401	51.0427	0.0026	52	5	176		
16	0116	↓			D4	51.3018	51.3344	0.0326	652	7	999		
17	0553	Water Replen			H40	50.5155	50.5503	0.0348	696		999		
18	0557	↓			E11	64.8245	64.8593	0.0348	696		1220		
19	0117	Central Az.			R3	50.6073	50.6723	0.0650	1300		2121		
20	0555	Water Replen		↓	G5	50.6907	50.7251	0.0344	688		999		
					I8	50.5314	50.5599	0.0285	570	↓	999		

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: < 4% or 0.5 mg
Sample ID: I8
Init Wt (g) 50.5599
Fin Wt (g) 50.5598
% change: -0.0001

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / (S1+S2)/2 * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. TDS 260320000S

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-21-06 1600 End: 3-22-06
Analyst: CPS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 3

Standards:

	True Value	Exp. Date	% Rec.
NaCl MW# ANH013126-1	10 mg/L	4-17-06	85-115
NaCl MW# CRS060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW# CRS060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	M1	53.3232	53.3230	-0.0002	ND	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	TJ	65.1919	65.1926	0.0007	7	N/A	N/A	N/A	Rec 50-150%
MRL	MRL 1 - 10 mg/L	N/A	N/A	100	FK	70.7454	70.7459	0.0005	5	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	50	Q4	51.1551	51.1637	0.00086	172	N/A	N/A	N/A	Rec 85-115%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	K13	53.4430	53.4763	0.0333	666	N/A	N/A	N/A	Rec 85-115%
1	260320000S	Pakistan	3-11-06	50	F94	68.2069	68.2109	0.0040	80	5	198		
Dup	0005	↓	↓		KK	77.7904	77.7942	0.0038	76	5	198		RPD </= 5%
2	260315017G	Badger	3-14-06		T3D	66.8678	66.9019	0.0341	682	7	1177		
3	260314025G	Riverside			HS	74.7198	74.7383	0.0185	370		650		
4	260315017T	Badger			24	66.2953	66.3352	0.0399	798		1462		
5	0178	↓			25	74.5048	74.5473	0.0425	850		1432		
6	260314058Z	Water Replen			F3	66.4161	66.4433	0.0272	544		989		
7	0556	↓			AL	66.9193	66.9469	0.0276	552		999		
8	0584				CC	69.3125	69.3255	0.0130	260		441		
9	0557				IA	75.3000	75.3275	0.0275	550		953		
10	260315012D	Krist			AJ	66.7692	66.8078	0.0386	772		1314		
11	0156	Poseidon		2mL	G3	51.3433	51.4191	0.0758	37,900	7	48,620		
Dup	0156	↓		2mL	MN	53.1698	52.2442	0.0744	37,200	7	48,620		RPD </= 5%
12	0310	Valley County	3-15-06	50	M5	68.7016	68.7300	0.0284	568		951		
13	260316010I	Tronox LLC			B2K	51.1442	51.1789	0.0347	694		999		
14	0102	↓			TN	53.9900	54.0238	0.0338	676		999		
15	260315037T	KCC Resources			AZ	51.7625	51.7819	0.0194	388	↓	746		
16	0374	↓			P53	52.6244	52.6361	0.0117	234	6	492		
17	0073	Central Az.			Q3	50.8510	50.9075	0.0565	1130	↓	1955		
18	0092				BC	67.1513	67.1864	0.0351	702	7	1333		
19	0093				BT	70.3854	70.4225	0.0371	742		1362		
20	0094	↓	↓	↓	JD	71.7057	71.7418	0.0361	722	↓	999		

H3

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: < 4% or 0.5 mg
Sample ID: Q3
Init Wt (g) 50.9075
Fin Wt (g) 50.9076
% change: 0.0001

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / (S1+S2)/2 * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. TDS2603170201

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-24-06 1100 End: 3-27-06
Analyst: CPS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 4

Standards:

		True Value	Exp. Date	% Rec.
NaCl MW#	ANH0131264-1	10 mg/L	4-17-06	85-115
NaCl MW#	CP5060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW#	CP5060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	~~473LC~~	64.4027	70.1715	0.0002	ND	N/A	N/A	N/A	70.1713 < 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	C12	79.7533	79.7541	0.0008	8	N/A	N/A	N/A	Rec 50-150%
MRL	MRL 1 - 10 mg/L	N/A	N/A	100	G7	66.3786	66.3795	0.0009	9	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	50	J19	68.0441	68.0527	0.0086	172	N/A	N/A	N/A	Rec 85-115%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	D2	71.1958	71.2248	0.0298 / 0.0295	~~580~~ 590	N/A	N/A	N/A	Rec 85-115%
1	2603170207	Water Replen	3-17-06	50	KI	68.4294	~~70~~ 68.4489	0.0195	390	7	615		~~70.1713~~ 68.4294
Dup	0207	↓		↓	C4	71.1453	71.1650	0.0197	394		615	369	RPD </= 5%
2	0091	Riverside	↓		ROD	70.8213	70.8406	0.0193	386		603		
3	2603180013	Poseidon		3mL	E3	49.9251	~~49~~ 50.0440	0.1189	39,600		49410		
4	2603210156	Ensr	3-20-06	50	P24	79.9997	~~79~~ 80.0584	0.0587	1174		1707		
5	0336	La Puente	3-21-06		KA	65.9535	65.9776	0.0241	482		621		
6	0338				CB	66.7689	66.7916	0.0227	454	↓	621		
7	0339	↓	↓		4D	64.4104	64.4337	0.0233	466	6	591		
8	2603210152	Tronox LLC	3-20-06		H32	66.4985	66.5371	0.0386	772	6	1137		
9	0154				64F	64.4958	64.5318	0.0360	720	7	999		
10	2603210144	Ensr		↓	B25	74.6871	74.7464	0.0593	1186	↓	1704		
11	2603200296	Inland Empire		100	4C	70.3478	70.3530	0.0052	52	5	68.16		
Dup	0296			100	JFK	79.5985	79.6037	0.0052	52	5	68.16		RPD </= 5%
12	2603200303			50	SK8	52.0010	52.0083	0.0073	146	7	212		
13	00297				TDK	68.1964	68.2075	0.0111	222	↓	343		
14	00289				DBD	70.8369	70.8442	0.0073	146	6	218	130	
15	00298				AL	68.1513	68.1608	0.0095	190	7	305		
16	00299				L3	70.0089	70.0173	0.0084	168	↓	263		
17	00300				FB	72.2142	72.2217	0.0075	150	6	263		
18	0290				C63	79.3990	79.4090	0.0100	200	5	325		
19	0304	↓	↓		QS	68.2817	68.2876	0.0059	~~CS 118~~ 114	6	138		
20	2603210337	Riverside	3-21-06	↓	73	79.9097	79.9283	0.0186	372	7	579	347	

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: < 4% or 0.5 mg
Sample ID: DBD
Init Wt (g): 70.8442
Fin Wt (g): 70.8444
% change: 0.0002

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / ((S1+S2)/2) * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. TDS260320030S

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-27-06 End: 1400 3-28-06
Analyst: CPS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 5

Standards:

		True Value	Exp. Date	% Rec.
NaCl MW#	CPS060327-1	10 mg/L	4-27-06	85-115
NaCl MW#	CPS060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW#	CPS060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	E56	52.2784	52.2789	0.0005	ND	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	BG	67.2565	67.2575	0.0010	10	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	100	38T	66.5134	66.5145	0.0011	11	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	K11e	55.7358	55.7446	0.0088	176	N/A	N/A	N/A	Rec 85-115%
1	260320030S	Inland Empire	3-20-06	50	M9	53.8557	53.8901	0.0344	688	N/A	N/A	N/A	Rec 85-115%
Dup 2	030S				36M	79.7340	79.7415	0.0075	150	7	303		
3	260322036	Monterey Park	3-22-06		P15	66.6340	66.6409	0.0069	138		203	122	RPD </= 5%
4	0367				224	68.9441	68.9651	0.0210	420		603		
5	0368				DG4	65.3249	65.3462	0.0213	426		628		
6	0369				TF	50.6504	50.6722	0.0218	436		651		
7	0370				C82	52.7380	52.7596	0.0216	432		647		
8	0371				OTP	70.8480	70.8691	0.0211	422		652		
9	0372				LP4	53.4760	53.4974	0.0214	428		654		
10	0373				106	67.3529	67.3742	0.0215	430		655		
11	0374				D09	66.5480	66.5693	0.0213	426		652		
Dup 12	0375				C	50.8967	50.9181	0.0214	428		650		
13	0375				H5	79.8773	79.8990	0.0217	434		655		
14	0377				PGC	68.5424	68.5638	0.0214	428		655		
15	0378				E40	50.9161	50.9366	0.0205	410		632		RPD </= 5%
16	0379				114	72.6668	72.6877	0.0209	418		610		
17	260322036S	Coca Cola	3-20-06		ZTZ	68.7956	68.8128	0.0172	344		524	314	
18	0241				CJ4	68.1491	68.1670	0.0179	358		1151		
19	0150	Ensr			K14	53.3720	53.3792	0.0072	144	6	229		
20	0153				GGC	70.4152	70.4553	0.0401	802	7	1298	778	
	0155				RP1	67.6686	67.7554	0.0868	1736		2420		
	260322036D5	City of Monterey	3-22-06		T16	52.7999	52.8006	0.0007	14		1703		
					CP3	68.3873	68.3913	0.0220	440		660		

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: Sample ID: ZTZ
< 4% or 0.5 mg Init Wt (g) 68.7956
Fin Wt (g) 68.7956
% change: 0

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / (S1+S2)/2 * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

totdissol...

BATCH NO. TDS 2603220357

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-28-06 End: 1500 3-29-06
Analyst: CPS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 3

Standards:

		True Value	Exp. Date	% Rec.
NaCl MW#	CPS060327-1	10 mg/L	4-27-06	85-115
NaCl MW#	CPS060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW#	CPS060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	G5	50.6915	50.6916	0.0001	ND	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	L4	70.0124	70.0130	0.0006	6	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	100	L13	71.5960	71.5967	0.0007	7	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	B25	51.0940	51.0983	0.0083	166	N/A	N/A	N/A	Rec 85-115%
1	2603220357	Ensr	3-21-06	50	C7	50.3981	50.4124	0.0343	1686	N/A	N/A	N/A	Rec 85-115%
Dup	0357				ZDO	66.9682	67.0055	0.0373	750	7	1276		
2	0069	DS Waters			H2O	66.9950	67.0327	0.0377	754		1276		
3	0241	Malcolm Pirnie			B7	67.4905	67.5389	0.0484	968	↓	1592		RPD </= 5%
4	0070	DS Waters			Z2	50.9306	50.9438	0.0132	264	6	347		
5	0157	CCDH Waters			G13	50.9524	50.9758	0.0234	936	7	1512		
6	0144	Central Az.			E23	69.3729	69.3990	0.0261	520		907		
7	2603240141	Fiesta Brands			D21	76.0854	76.1130	0.0276	552		896		
8	2603240071	DS Waters			K4	66.8875	66.9125	0.0250	500		836		
9	0154	Central Az.			C3	67.0486	67.0719	0.0233	932		1432		
10	0360	Ensr			RC	66.5696	66.5994	0.0298	596		975		
11	0151	Central Az.			C	68.2486	68.2832	0.0346	1384		2250		
Dup	0151	↓			P25	69.6693	69.6912	0.0269	538		856		
12	0211	Coca-Cola			TX6	67.9810	68.0088	0.0278	556		856		
13	0152	Central Az.			L17	71.8370	71.8442	0.0072	144	↓	308		RPD </= 5%
14	0153	↓			L11	73.5253	73.5598	0.0345	690	7	1064		
15	0209	Coca-Cola			CTU	66.2480	66.2656	0.0176	704		999		
16	0223				PK	79.0317	79.0664	0.0347	694	↓	1103		
17	0224				E5	79.3727	79.3824	0.0097	97	5	147		
18	0348	↓			F10	79.3418	79.3493	0.0075	150	7	188		
19	0347	Ensr			3M	70.6189	70.6571	0.0382	764		1300		
20	0132	Poseidon	↓	2mL	MM	69.6884	69.7274	0.0390	1560		2377		
					M18	50.8860	50.9197	0.0337	33,700	↓	48,580		

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: Sample ID: F10
< 4% or 0.5 mg Init Wt (g) 79.3493
Fin Wt (g) 79.3495
% change: 0.0002

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / (S1+S2)/2 * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. TDS 260324C135

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-29-06 End: 1600 3-30-06
Analyst: CB
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 3

Standards:
NaCl MW# CP5060327-1 True Value 10 mg/L Exp. Date 4-27-06 % Rec. 85-115
NaCl MW# CP5060312-1 175 mg/L 4-3-06 85-115
Na2SO4 MW# CP5060324 700 mg/L 4-14-06 85-115

Was QC Criteria Met (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	D47	79.4008	79.4008	Ø	ND	N/A	N/A	N/A	
MRL	MRL 1 - 10 mg/L	N/A	NA	100	E1	66.4204	66.4211	0.0007	7	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	N/A	100	256	80.0047	80.0057	0.0010	10	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	50	C8	69.8096	69.8185	0.0089	178	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	D10	70.0122	70.0474	0.0352	704	N/A	N/A	N/A	Rec 85-115%
1	260324C135	ENSR	3-23-06	50	C18	79.7570	79.8978	0.1408	2816	7	3460		Rec 85-115%
Dup	C135	↓	↓	↓	CJ	70.7262	70.8675	0.1413	2826	7	3460		
2	260323C354	City of Upland	↓	↓	I1	70.2964	70.3047	0.0083	166	↓	305		RPD </= 5%
3	C352	↓	↓	↓	LU	79.3242	79.3320	0.0078	156	↓	303		
4	C351	Water Replenish	↓	↓	FF1	66.9967	67.0119	0.0152	304	↓	558	334	
5	260323C197	ENSR	3-22-06	↓	JK4	79.4120	79.4504	0.0384	768	↓	1220		
6	260322C344	Water Replenish	↓	↓	IS1	71.2621	71.3763	0.1142	2284	↓	3064		
7	260323C304	Coca-Cola	↓	↓	J9	66.9239	66.9292	0.0053	106	6	185		
8	260322C358	Water Replenish	↓	↓	K3	67.5951	67.6169	0.0218	436	7	745		
9	260323C237	Scotts Valley	↓	↓	E12	79.2366	79.2467	0.0101	202	6	325		
10	260322C362	Water Replenish	↓	↓	PVT	65.6225	65.7186	0.0961	1922	↓	2570		
11	260323C080	Poseidon	3-22-06	2mL	D24	50.8697	50.9483	0.0786	39,300	7	47,770		
Dup	C080	↓	↓	↓	C15	51.6126	51.6920	0.0794	39,700	7	47,770		
12	260322C222	Riverside	↓	50	A8	67.0023	67.0263	0.0240	480	↓	762	457	
13	260323C239	Scotts Valley	↓	↓	JK1	67.7315	67.7543	0.0228	456	↓	769		RPD </= 5%
14	260322C363	Water Replenish	↓	↓	S5	63.8424	63.8544	0.0120	240	6	419		
15	C329	↓	↓	↓	TLC	79.7455	79.7570	0.0115	230	↓	415		
16	C156	Central Az	↓	↓	RM	72.5780	72.6067	0.0287	574	7	908		
17	C364	Water Replenish	↓	↓	D13	71.5920	71.6035	0.0115	230	↓	380		
18	260324C112	Westlake Waters	↓	100	221	75.7061	75.7095	0.0034	34	5	54.25	32	
19	C269	Poseidon	3-23-06	2mL	CF1	49.8618	49.9390	0.0772	38,600	7	47,830		
20	C276	Coca-Cola	↓	50	X	69.1696	69.1809	0.0113	226	6	370		

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MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: Sample ID: C18
< 4% or 0.5 mg Init Wt (g) 79.8978
Fin Wt (g) 79.8978
% change: 0

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| * 100 / (S1+S2)/2

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. TDS2603220266

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-29-06 End: 1400 3-30-06
Analyst: CBS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 3

Standards:		True Value	Exp. Date	% Rec.
NaCl MW#	CPS060327-1	10 mg/L	4-27-06	85-115
NaCl MW#	CPS060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW#	CPS060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	RF	53.3569	53.3569	Ø	ND	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	MM	69.6883	69.6893	0.0010	10	N/A	N/A	N/A	Rec 50-150%
MRL	MRL 1 - 10 mg/L	N/A	N/A	100	PJ	69.3568	69.3578	0.0008	8	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	50	AL	53.7549	53.7635	0.0086	172	N/A	N/A	N/A	Rec 85-115%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	MD	50.9540	50.9883	0.0343	686	N/A	N/A	N/A	Rec 85-115%
1	2603220266	Valley County	3-22-06	50	TC	56.5650	56.5998	0.0348	696	7	904		
Dup	0266	↓	↓	↓	M18	50.8856	50.9207	0.0351	702	7	904		RPD </= 5%
2	2603230001	Natural Waters	3-23-06		RD	50.9786	50.9893	0.0107	214	↓	288		
3	0091	Tronox LLC	3-22-06		Z9	50.6935	50.7156	0.0221	442		684		
4	0092	↓			F8	50.6791	50.7176	0.0385	770	↓	1147		
5	2603220055	Eco Resources			P11	50.2696	50.2913	0.0217	434	6	685		
6	0054	↓			G14	51.5522	51.5651	0.0129	258	↓	446		
7	2603240074	Coca-Cola			P17	51.1396	51.1501	0.0105	210	7	343		
8	2603230245	Scotts Valley			P4	68.8645	68.8963	0.0318	636	↓	908		
9	0260	↓			P32	51.3489	51.3599	0.0110	220	6	313		
10	2603240079	Coca-Cola			POP	51.0633	51.0696	0.0063	126	5	209		
11	2603230335	Nestle Waters			BU	50.3670	50.3721	0.0051	102	7	175		
Dup	0335	↓			H40	50.5084	50.5130	0.0046	92	7	175		RPD </= 5%
12	0252	Scotts Valley			KPC	67.0949	67.1187	0.0238	476		805		
13	0262	↓			P2	68.9583	68.9808	0.0225	450	↓	761		
14	0329	Coca-Cola			8B	72.7513	72.7662	0.0149	298	5	567		
15	2603220155	Central Az.			A12	66.6069	66.6381	0.0312	624	6	988		
16	2603230049	Ensr			E40	49.1947	49.3163	0.1216	2432	7	2838		
17	0235	Scotts Valley			KB	52.0505	52.1056	0.0551	1102		1735		
18	0259	↓			G4	66.4892	66.5438	0.0546	1092	↓	1719		
19	0305	Coca-Cola			VB	54.8167	54.8254	0.0087	174	5	282		
20	0330	↓	↓	↓	C11	50.8304	50.8422	0.0118	236	7	384		

MRL: 10 mg/L
Est. EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: < 4% or 0.5 mg
Sample ID: P32
Init Wt (g): 51.3599
Fin Wt (g): 51.3600
% change: 0.0001

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| * 100 / ((S1+S2)/2)

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

BATCH NO. IDS 2603230331

MWH Laboratories
750 Royal Oaks Drive, Suite 100
Monrovia, CA 91016-3629

TOTAL DISSOLVED SOLIDS (TDS) MW SOP REVISION 10
SM2540C

Analysis start date: 3-30-06 End: 3-31-06 1700
Analyst: CPS
Reviewed By:
LIMS Check By:

Oven Temp (180°±2°C): Start 180 C End: 180 C
Oven Mfr: "Precision STM135" Ser no.: "11AW-6"

Dry Time (hrs): 3

Standards:

	True Value	Exp. Date	% Rec.
NaCl MW# CPS060327-1	10 mg/L	4-27-06	85-115
NaCl MW# CPS060302-1	175 mg/L	4-2-06	85-115
Na2SO4 MW# CPS060314-1	700 mg/L	4-14-06	85-115

Was QC Criteria Met: (Y) N
Was QIR Needed: Y (N)
Form: 09-25-00 rev2

Run #	Sample ID	Client Name	Date Collected	Sample Volume (ml)	Crucible Number	Crucible Weight (g)	Crucible + residue (g)	Residue (g)	TDS (mg/L)	pH	EC	EC*0.6	Comments
Blk	Blank	N/A	N/A	50	68	68.8149	68.8152	0.0003	3	N/A	N/A	N/A	< 0.5 mg
MRL	MRL 1 - 10 mg/L	N/A	NA	100	4C	70.3481	70.3489	0.0008	8	N/A	N/A	N/A	Rec 50-150%
MRL	MRL 1 - 10 mg/L	N/A	N/A	100	FB	72.2137	72.2146	0.0009	9	N/A	N/A	N/A	Rec 50-150%
LCS	LCS 1 - 175 mg/L	N/A	N/A	50	C20	79.6396	79.6481	0.0085	170	N/A	N/A	N/A	Rec 85-115%
LCS	LCS 2 - 700 mg/L	N/A	N/A	50	3X	65.9468	65.9810	0.0342	684	N/A	N/A	N/A	Rec 85-115%
1	2603230331	WRD	3-23-06	50	P3	64.1671	64.1830	0.0159	318	7	551	330	
Dup	0331				G9	74.6775	74.6938	0.0163	326	7	551		RPD </= 5%
2	0334				SH	68.5730	68.5892	0.0162	324		564		
3	0341				Q2	71.1955	71.2119	0.0164	328		530	318	
4	0346				C03	79.3968	79.4997	0.1029	2058		2435		
5	2603240122	Ensr			L3	70.0081	70.0475	0.0394	788		1247		
6	0275	Coca-Cola			3LC	70.1713	70.1851	0.0138	276	↓	450		
7	0118	Ensr			1A	67.9092	67.9770	0.0678	1356	5	1852		
8	0169	Coca-Cola	3-24-06	100	MG	68.1062	68.6658	0.0038	38	5	6430	38	
9	0248	Santa barbara	3-28-06	50	AL	68.1510	68.1806	0.0296	592	7	824		
10	2603280170	Monrovia	↓		64F	64.4961	64.5083	0.0122	244	↓	393		
11	2603240009	WRD	3-24-06		KA	65.9537	65.9667	0.0130	260	7	438	262	
Dup	0009				DBD	70.8371	70.8501	0.0131	262	7	438		
12	0020				TY	67.3596	67.3730	0.0134	268		440		RPD </= 5%
13	0030				TDE	68.1960	68.2081	0.0121	242		374		
14	0031				05	68.2816	68.2954	0.0138	276		464	278	
15	0033				C19	66.4957	66.5098	0.0141	282		443		
16	0034				T3	79.4107	79.4242	0.0135	270		433		
17	0012	Riverside			C10	66.4741	66.4900	0.0159	318		499	299	
18	0013				H32	66.4998	66.5159	0.0161	322		514		
19	0014				H2	69.5871	69.6049	0.0178	356		590		
20	2603250005	Ensr	↓	↓	G7	66.3782	66.3794	0.0012	12	↓	1989		
				100						5			

Est. MRL: 10 mg/L
EC*(0.55 - 0.7): expected TDS value
Min/Max Residue: 0.5mg - 200 mg

Holding time: 7 day from sampling date

Drying Efficiency: Sample ID: C20
< 4% or 0.5 mg Init Wt (g) 79.6481
Fin Wt (g) 79.6480
% change: 0.0001

% change = |Init - Fin| * 100 / Init

Calculation:
TDS (mg/L) = [C-A] / B * 1,000,000

%RPD = |S1-S2| / (S1+S2)/2 * 100

A = Crucible wt (g)
B = Sample Vol (ml)
C = Crucible+residue (g)

S1 = TDS of sample
S2 = TDS of duplicate

Dilutions required for group 169580

GROUP#	SAMPLE#	SAMPLE ID	PARAMETER	RESULT	DILUTION	REASON
169580	2603140436	TR-10A	CL9056	120	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO29056	ND	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO39056	0.73	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	SO49056	953	20	Result above calibration range
169580	2603140436	TR-10A	CRVI7199	57	2	Result above calibration range
169580	2603140436	TR-10A	CLO3	9220	20	Result above calibration range
169580	2603140436	TR-10A	CLO4	860	50	Result above calibration range
169580	2603140436	TR-10A	B6010	1.4	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	CA6010	140	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	FE6010	2.8	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	K6010	15	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	MG6010	54	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	NA6010	300	2	Result above calibration range but less than linear range check
169580	2603140436	TR-10A	AL-MS620	2000	5	Result above calibration range

Project No.

TITLE Book No.

From Page No.

LOG #	CLIENT	SDG ID	MTX	VOLUME	COMMENTS
	200.7 AND 200.8		3/29/06		FOR 200.7 ↓
BLANK	DIGESTION	2 SEPARATE	BATCHES	SAME LOG	HNO3 R# 100343
LCS					HCL R# 100361 2.5
LCSD					spike
260324 0120 MS	ENSR-TRONOX	M-121	AQ	50ml → 50ml	ME 0503020
260324 0119 MS					ME 0512001 > 0.5ml
260324 0111					ME 0511001 → (50ml)
260315 0119 MS	ENSR-TRONOX	EB-2			
260309 0347	ENSR-TRONOX	FB-1			FOR 200.8
260310 0260	ENSR-TRONOX	EB-1			HNO3 R# 100343
260314 0436	ENSR-TRONOX	TR-10A			HCL R# 100361
0472		PUMP BLANK			
260315 0120		TR-9A			ME 0503020 → (50ml)
260321 0144		TR-8A			
260321 0150		TR-7A			
0153		M-103A			
0155		TR-8			
0156		TR-8			
260322 0347		M-103			
260322 0348		TR-7			
260322 0357		TR-9			
0360		TR-10			
260323 0069		M-120			
0197		M-118			
260324 0118		H-11A			
260324 0122		M-117			

6010 & 6020

BOTH ~~200.7 + 200.8~~ SEPARATE BATCHES SAME SAMPLE ORDER 5/22/06

To Page No.

Witnessed & Understood by me, Date Invented by Date

Intial: WBH
Date: 5/19/05

METALS STANDARD DOCUMENTATION

Standard:	ICPCalibration Stock Std #2	**ME #:**	0503010
Date Received/Prepped:	5/19/2005	**By:**	wbh
Date Expired:	6/1/2006	**Lot #:**	Y-MEB188115
Manufacturer:	Inorganic Ventures	**Certificate:**	Y
Matrix:	5% Nitric Acid + Trace HF	**NIST SRM:**	Varies
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Mo	(P/N MWH-ICAP-CAL-2)	100	ug/ml
Sb		100	ug/ml
Sn		100	ug/ml
Ti		100	ug/ml
B		50	ug/ml

inorganic ventures / iv labs

195 lehigh avenue, suite 4, lakewood, nj 08701 usa
phone: 800-669-6799 • 732-901-1900 • fax: 732-901-1903
e-mail: ivsales@ivstandards.com • website: www.ivstandards.com

certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

ME050510

2.0 **Custom-Grade:** Tailor-Made Solution
DESCRIPTION OF CRM
Part No. / Catalog No.: MWH-ICAP-CAL-2
Lot Number: **Y-MEB188115**
Matrix: tr. HF, 5% HNO3(abs)
100.00 µg/mL each:
Mo, Sb, Sn, Ti,
50.00 µg/mL each:
B

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.2 µg/mL	Boron, B	50.07 ± 0.18 µg/mL	Molybdenum, Mo	100.2 ± 0.3 µg/mL
Tin, Sn	100.2 ± 0.2 µg/mL	Titanium, Ti	100.2 ± 0.2 µg/mL		

Certified Density: 1.037 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$

Uncertainty $(\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = The summation of all significant estimated errors. (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties."
(ISO VIM, 2nd ed., 1993, definition 6.10)
- This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	991907	Mo	ICP Assay	3134	891307
Mo	Gravimetric		See Sec. 4.2	Sb	Gravimetric		See Sec. 4.2
Sb	ICP Assay	3102a	990707	Sn	Gravimetric		See Sec. 4.2
Sn	ICP Assay	3161a	993107	Ti	Gravimetric		See Sec. 4.2
Ti	ICP Assay	3162a	992801				

Intial: wbh
Date: 5/19/05

METALS STANDARD DOCUMENTATION

5 VJ 6/8/05

Standard:	ICPCalibration Stock Std #1	**ME #:**	0505011
Date Received/Prepped:	5/19/2005	**By:**	wbh
Date Expired:	6/1/2006	**Lot #:**	Y-MEB188114
Manufacturer:	Inorganic Ventures	**Certificate:**	Y
Matrix:	5% Nitric Acid	**NIST SRM:**	Varies
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ca	(P/N MWH-ICAP-CAL-1)	1000	ug/ml
K		1000	ug/ml
Mg		1000	ug/ml
Na		1000	ug/ml
Al		100	ug/ml
As		100	ug/ml
Ba		100	ug/ml
Co		100	ug/ml
Cr		100	ug/ml
Cu		100	ug/ml
Fe		100	ug/ml
Mn		100	ug/ml
Ni		100	ug/ml
Pb		100	ug/ml
Se		100	ug/ml
Tl		100	ug/ml

inorganic ventures / iv labs

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certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

~~M E05050 18~~ 5/19/25
M205011

2.0 **Custom-Grade:** Tailor-Made Solution
DESCRIPTION OF CRM
Part No. / Catalog No.: MWH-ICAP-CAL-1
Lot Number: **Y-MEB188114**
Matrix: 5% HNO3(abs)

1,000.00 µg/mL each:
Ca, K, Mg, Na,
100.00 µg/mL each:
Al, As, Ba, Co, Cr3, Cu, Fe, Mn, Ni, Pb, Se, Tl, V, Zn,
50.00 µg/mL each:
Cd,
40.00 µg/mL each:
Be,
30.00 µg/mL each:
Sr,
20.00 µg/mL each:
Ag

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	99.9 ± 0.7 µg/mL	Arsenic, As	100.1 ± 0.4 µg/mL	Barium, Ba	99.8 ± 0.3 µg/mL
Beryllium, Be	40.03 ± 0.28 µg/mL	Cadmium, Cd	50.02 ± 0.36 µg/mL	Calcium, Ca	1,002 ± 2 µg/mL
Chromium+3, Cr3	100.2 ± 0.3 µg/mL	Cobalt, Co	100.1 ± 0.3 µg/mL	Copper, Cu	100.0 ± 0.3 µg/mL
Iron, Fe	100.0 ± 0.9 µg/mL	Lead, Pb	100.2 ± 0.3 µg/mL	Magnesium, Mg	1,002 ± 3 µg/mL
Manganese, Mn	100.2 ± 0.3 µg/mL	Nickel, Ni	99.8 ± 0.3 µg/mL	Potassium, K	1,002 ± 2 µg/mL
Selenium, Se	100.2 ± 0.4 µg/mL	Silver, Ag	19.94 ± 0.06 µg/mL	Sodium, Na	1,002 ± 1 µg/mL
Strontium, Sr	29.99 ± 0.16 µg/mL	Thallium, Tl	99.9 ± 0.4 µg/mL	Vanadium, V	100.0 ± 0.3 µg/mL
Zinc, Zn	100.1 ± 0.3 µg/mL				

Certified Density: 1.054 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = The summation of all significant estimated errors. (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

Intial: WBH
Date: 11/8/05

METALS STANDARD DOCUMENTATION

Standard:	ICP CCV/MCV Stock Standard	**ME #:**	0511002
Date Received/Prepped:	11/8/2005	**By:**	WBH
Date Expired:	10/31/2006	**Lot #:**	012607A
Manufacturer:	Crescent Chemical	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	Varius
Amount:	500 mL x 2	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag		20	ppm
Al		100	ppm
As		100	ppm
B		50.2	ppm
Ba		100	ppm
bE		40.1	ppm
Ca		1000	ppm
Cd		50.1	ppm
Co		100	ppm
Cr		99.7	ppm
Cu		100	ppm
Fe		99.8	ppm
K		1000	ppm
Mg		1000	ppm
Mn		100	ppm
Mo		99.8	ppm
Na		1000	ppm
Ni		100	ppm
Pb		100	ppm
Sb		100	ppm
Se		100	ppm
Tl		100	ppm
V		100	ppm
Zn		100	ppm

Laboratory Report - Certificate of Analysis

Custom Multi Standard
CATALOG NO: CCS-1161

MZ0511002

CONTENTS: See Below

MATRIX: 5% HNO_3

LOT NO.: 012607A

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a multi element solution, that was prepared gravimetrically to contain the elements/concentrations shown below.

In order to verify the concentration, the final solution was checked against the following NIST SRMS by plasma emission spectrometry (ICP or DCP): 3101a, 3102a, 3103a, 3107, 3104a, 3105a, 3108, 3112a, 3113, 3114, 3128, 3132, 3134, 3136, 3149, 3151, 3158, 3161a, 3165 and 3168a.

Concentrations are given in µg/mL unless noted otherwise.

Ag 20.1	Al 99.7	As 100	B 50.0	Ba 100
Be 39.9	Ca 997	Cd 50.4	Co 99.8	Cr 99.8
Cu 99.8	Fe 100	K 1,000	Mg 1,000	Mn 100
Mo 101	Na 1,000	Ni 100	Pb 99.8	Sb 100
Se 100	Tl 99.9	V 100	Zn 99.9	

Crescent Chemical Co. Inc.

Julie M. MacDonald
QA Manager

EXPIRES: October 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

Crescent Chemical Co, Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 3/29/05

METALS STANDARD DOCUMENTATION

Standard: ICP/ICPMS LCS/SPIKE Solution
Date Received/Prepped: 3/29/2005
Date Expired: 9/25/2006
Manufacturer: CPI
Matrix: 5% HNO3 + 0.1% HF
Amount: 10 x 100 mL

ME #: 0503020
By: wbh
Lot #: 05C243
Certificate: Y
NIST SRM: 3100 Series
Storage: Room Temp

Component	Comment	Conc.	Unit:
Iron	CPI P/N: 4400-050314RH01	500	mg/L
Aluminum		200	mg/L
Barium		100	mg/L
Cobalt		100	mg/L
Chromium		100	mg/L
Copper		100	mg/L
Molybdenum		100	mg/L
Strontium		100	mg/L
Titanium		100	mg/L
Vanadium		100	mg/L
Zinc		100	mg/L
Tin		100	mg/L
Silver		50	mg/L
Boron		50	mg/L
Manganese		50	mg/L
Nickel		50	mg/L
Antimony		50	mg/L
Arsenic		20	mg/L
Cadmium		20	mg/L
Lead		20	mg/L
Selenium		20	mg/L
Thallium		20	mg/L
Uraium		20	mg/L
Beryllium		5	mg/L

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MZ0303020

Expiry: SEP 2 5 2006

Certificate of Analysis

Part Number: **4400-050314RH01**
Lot Number: **05C243**
Shelf Life: **18 months**

MWH Labs
5% HNO3 + 0.1% HF
#REF!

Concentrations in ug/mL ± 0.5%

Fe	500	B	50
Al	200	Mn	50
Ba	100	Ni	50
Co	100	Sb	50
Cr	100	As	20
Cu	100	Cd	20
Mo	100	Pb	20
Sr	100	Se	20
Ti	100	TL	20
V	100	Sn	100
Zn	100	Be	5
Ag	50	U	20

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

Intial: WBH
Date: 3/2/06

METALS STANDARD DOCUMENTATION

Standard: ICP Spike solution
Date Received/Prepped: 3/2/2006
Date Expired: 9/2/2006
Manufacturer: MWH-WBH
Matrix: 2% HNO3
Amount: 200mL

ME #: 0603006
By: WBH
Lot #:
Certificate: Y
NIST SRM: 3100 SERIES
Storage: Room Temp

Component	Comment	Conc.	Unit:
AS	8.0mL ME0510004/100mL	80	ppm
PB	8.0mL ME0511020/100mL	80	ppm
SE	8.0mL ME0509003/100mL	80	ppm
TL	8.0mL ME0509006/100mL	80	ppm

Intial: WBH
Date: 5/13/05

METALS STANDARD DOCUMENTATION

Standard:	Selenium Stock Solution	**ME #:**	0509003
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	4EK103
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	3148
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Se	P/N 4400-1000491	1000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-1000491
P/N S4400-1000491

M105090Z3

Single-Element Selenium Standard
Se in 2% HNO_3
1000 ± 3 µg/mL

Lot # 4EK103

Material Source: Selenium Metal
Source Purity: 99.99%
Specific Gravity: 1.011 @ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3148. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	1.8	0.1	Cu	0.4	0.1	Pb	0.3	0.1	K	ND	70	Tl	3.6	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	ND	0.1	Eu	ND	0.1	Mg	1.1	0.2	Rh	ND	0.1	Sn	ND	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	0.6	0.1	Sm	ND	0.1	U	ND	0.1
Br	INT	10	Au	ND	0.1	Nd	ND	0.1	Se	X	6	V	ND	1
Cd	0.4	0.1	Hf	ND	0.1	Ni	0.6	0.1	Si	40	8	Yb	ND	0.1
Ca	5	7	Ho	ND	0.1	Nb	INT	0.1	Ag	0.8	0.1	Y	ND	0.1
Ce	ND	0.1	I	0.5	0.2	Os	ND	0.1	Na	3.8	1	Zn	ND	2
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	INT	0.1
Cr	ND	1	Fe	ND	30	P	ND	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element DL=Detection Limit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 9/13/05

METALS STANDARD DOCUMENTATION

Standard:	Thallium Stock Solution	**ME #:**	0509006
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	05D082
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	3158
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Tl	P/N 4400-1000581	1000	ppm

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CERTIFICATE OF ANALYSIS

M20905006

P/N 4400-1000581
P/N S4400-1000581

Single Element Thallium Standard
Tl in 2% HNO_3
1000 ± 3 µg/mL

Lot # 05D082

Material Source: Thallium metal
Source Purity: 99.999%
Specific Gravity: 1.007 @ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3158. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		Ppb	DL		ppb	DL		ppb	DL
Al	13.3	0.1	Cu	9.3	0.1	Pb	41	0.1	K	ND	70	Tl	X	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.37	0.1	Eu	ND	0.1	Mg	1.7	0.2	Rh	ND	0.1	Sn	ND	0.1
Be	0.67	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	0.45	0.1
Bi	0.12	0.1	Ga	ND	0.1	Hg	0.16	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	0.21	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	1.6	0.1	Hf	ND	0.1	Ni	1.1	0.1	Si	46	8	Yb	ND	0.1
Ca	51	7	Ho	ND	0.1	Nb	ND	0.1	Ag	0.3	0.1	Y	ND	0.1
Ce	ND	0.1	I	0.4	0.2	Os	ND	0.1	Na	3.3	1	Zn	14.7	2
Cs	0.24	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	ND	0.1
Cr	ND	1	Fe	ND	30	P	20	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element DL=Detection Limit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654.

Intial: WBH
Date: 10/10/05

METALS STANDARD DOCUMENTATION

Standard:	Arsenic Stock Solution	**ME #:**	0510004
Date Received/Prepped:	10/10/2005	**By:**	WBH
Date Expired:	11/1/2006	**Lot #:**	Y-QAS01111
Manufacturer:	Inorganic Ventrue	**Certificate:**	Y
Matrix:	1.4% HNO3	**NIST SRM:**	3103a
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
AS	CGAS1-1	1000	ppm

inorganic ventures / iv labs

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certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

MEO 510004

2.0 **DESCRIPTION OF CRM** Custom-Grade **1000 µg/mL Arsenic in 1.4% (abs) HNO3**

Catalog Number:	CGAS1-1, CGAS1-2, and CGAS1-5
Lot Number:	**Y-QAS01111**
Starting Material:	As Polycrystaline lump
Starting Material Purity (%):	99.998994
Starting Material Lot No:	23115
Matrix:	1.4% (abs) HNO3

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

Certified Concentration: 997 ± 3 µg/mL 987 ± 3 µg/g

Certified Density: 1.010 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = The summation of all significant estimated errors. (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 **Assay Method #1** **997 ± 3 µg/mL 987 ± 3 µg/g (Avg 2 runs)**
ICP Assay NIST SRM 3103a Lot Number: 010713

Assay Method #2 **1002 µg/mL 992 µg/g**
Gravimetric NIST SRM Lot Number: See Sec. 4.2

Intial: WBH
Date: 11/17/05

METALS STANDARD DOCUMENTATION

Standard:	Lead Stock Standard	**ME #:**	511020
Date Received/Prepped:	11/17/2005	**By:**	WBH
Date Expired:	5/10/2007	**Lot #:**	05J200
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	3128
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc. Unit:
Pb	P/N S4400-1000281	1000 ppm

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MAY 10 07

Innovative Solutions in Analytical Science and Technology

CERTIFICATE OF ANALYSIS

MZ051102D

P/N S4400-1000281
P/N 4400-1000281

Single-Element Lead Standard
Pb in 2% HNO_3
1000 ± 3 µg/mL

Lot # 05J200

Material Source: Lead Metal
Source Purity: 99.995 %
Specific Gravity: 1.005 @ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3128. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	10.3	0.1	Cu	58	0.1	Pb	X	0.1	K	ND	70	Tl	0.25	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	2	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.22	0.1	Eu	ND	0.1	Mg	1.4	0.2	Rh	IN	0.1	Sn	ND	0.1
Be	0.58	0.1	Gd	ND	0.1	Mn	3.8	1	Rb	ND	0.1	Ti	0.58	0.1
Bi	0.7	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	0.17	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	0.9	0.1	Si	31	8	Yb	ND	0.1
Ca	25	7	Ho	ND	0.1	Nb	ND	0.1	Ag	6.1	0.1	Y	ND	0.1
Ce	ND	0.1	I	0.1	0.2	Os	ND	0.1	Na	3.5	1	Zn	23	2
Cs	0.26	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	INT	0.1
Cr	ND	1	Fe	ND	30	P	ND	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element DL=Detection Limit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the United States or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 11/8/05

METALS STANDARD DOCUMENTATION

Standard: ICP LCS/SPIKE SOLUTION
Date Received/Prepped: 11/8/2005
Date Expired: 4/26/2007
Manufacturer: CPI
Matrix: 5% HNO3
Amount: 100 mL

ME #: ,0511001
By: WBH
Lot #: 05J210
Certificate: Y
NIST SRM: 3100 SERIES
Room temp. storage

Component	Comment	Conc.	Unit:
CA	P/N 4400-130309	10000	ppm
K		4000	ppm
MG		4000	ppm
NA		10000	ppm

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CERTIFICATE OF ANALYSIS

MT05 11001

P/N: 4400-130309
Lot Number: 05J210
Shelf Life: 18 months
Expiration Date: APR 2 6 2007

MWH
Dat MW Standard
µg/mL ± 0.5% in 5% HNO_3

Na 10,000 Ca 10,000 Mg 4,000 K 4,000

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

Intial: (BV)
Date: 3/14/07

METALS STANDARD DOCUMENTATION

Standard:	ICP MRL Working stock Solution	**ME #:**	0603014
Date Received/Prepped:	3/14/2006	**By:**	WBH
Date Expired:	9/14/2006	**Lot #:**	
Manufacturer:	MWH-WBH	**Certificate:**	
Matrix:	5% HNO3	**NIST SRM:**	
Amount:	2X100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Al	10mL ME0509010	5	ppm
Sb		5	ppm
As		10	ppm
Ba		2	ppm
Be		0.1	ppm
B		5	ppm
Cd		0.5	ppm
Ca		100	ppm
Cr		1	ppm
Co		5	ppm
Cu		1	ppm
Fe		2	ppm
Pb		2	ppm
Mg		10	ppm
Mn		0.2	ppm
Mo		2	ppm
Ni		2	ppm
K		100	ppm
Se		10	ppm
Ag		1	ppm
Na		100	ppm
Th		10	ppm

Intial: WBH
Date: 9/19/05

METALS STANDARD DOCUMENTATION

Standard:	ICP MRL Stock Solution	**ME #:**	0509010
Date Received/Prepped:	9/19/2005	**By:**	WBH
Date Expired:	9/14/2006	**Lot #:**	05I066
Manufacturer:	CPI	**Certificate:**	Yes
Matrix:	2% HNO3 + tr HF	**NIST SRM:**	3100 series
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Al	Part # 4400-050901RH01	50	ppm
Sb		50	ppm
As		100	ppm
Ba		20	ppm
Be		1	ppm
B		50	ppm
Cd		5	ppm
Ca		1000	ppm
Cr		10	ppm
Co		50	ppm
Cu		10	ppm
Fe		20	ppm
Pb		20	ppm
Mg		100	ppm
Mn		2	ppm
Mo		20	ppm
Ni		20	ppm
K		1000	ppm
Se		100	ppm
Ag		10	ppm
Na		1000	ppm
Th		100	ppm
Zn		20	ppm
V		2	ppm
Tl		10	ppm
Li		1	ppm

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Expiry: SEP 1 4 2006

Certificate of Analysis

m t050901o

Part Number: **4400-050901RH01**
Lot Number: **05I066**
Shelf Life: **12 months**

MWH
Custom Standard
2% HNO3 + tr HF

Concentrations in ug/mL ± 0.5%

Al	50	Pb	20	Zn	20
Sb	50	Li	1		
As	100	Mg	100		
Ba	20	Mn	2		
Be	1	Mo	20		
B	50	Ni	20		
Cd	5	K	1000		
Ca	1000	Se	100		
Cr	10	Ag	10		
Co	50	Na	1000		
Cu	10	TL	100		
Fe	20	V	2		

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

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Intial: WBH
Date: 3/4/06

METALS STANDARD DOCUMENTATION

Standard:	Interference Check Std A(ICSA)	**ME #:**	0603005
Date Received/Prepped:	3/2/2006	**By:**	WBH
Date Expired:	9/2/2006	**Lot #:**	VARIUS
Manufacturer:	MWH-WBH	**Certificate:**	
Matrix:	5% HNO3	**NIST SRM:**	
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Al	25mL ME0603001/500mL	250	PPM
Ca		250	PPM
Fe		100	PPM
Mg		250	PPM

Intial: WBH
Date: 3/2/06

METALS STANDARD DOCUMENTATION

Standard:	ICP ICSA Stock solution	**ME #:**	0603001
Date Received/Prepped:	3/2/2006	**By:**	WBH
Date Expired:	8/23/2007	**Lot #:**	06A078
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	varius
Amount:	500mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
AL	P/N 4400-INTA1-500	5000	mg/L
CA		5000	mg/L
FE		2000	mg/L
MG		2000	mg/L

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CERTIFICATE OF ANALYSIS

P/N 4400-INTA1-500

CLP Interferents A Solution
in 5% HNO_3

M-060301

Lot # 06A078

Material Source: Metals and Salts
Source Purity: 99.99+%

Elements and Concentrations: µg/mL

Al 5000 Ca 5000 Fe 2000 Mg 5000

This standard solution was prepared using high-purity reference materials, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100 series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 3/2/06

METALS STANDARD DOCUMENTATION

Standard:	Interfeerence Check Std AB(ICSAB)	**ME #:**	0603004
Date Received/Prepped:	3/2/2006	**By:**	WBH
Date Expired:	9/2/2006	**Lot #:**	
Manufacturer:	MWH-wbh	**Certificate:**	
Matrix:	5% HNO3 + 10% HCl	**NIST SRM:**	
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Al	25mL ME0603001/500mL	250	ppm
Ca		250	ppm
Fe		100	ppm
Mg		250	ppm
Ag	2.5mL ME0603002/500mL	0.5	ppm
Ba		0.25	ppm
Be		0.25	ppm
Cd		0.5	ppm
Co		0.25	ppm
Cr		0.25	ppm
Cu		0.25	ppm
Mn		0.25	ppm
Ni		0.5	ppm
Pb		0.5	ppm
V		0.25	ppm
Zn		0.5	ppm

Intial: WBH
Date: 3/2/06

METALS STANDARD DOCUMENTATION

Standard:	ICSB Stock Solution	**ME #:**	0603002
Date Received/Prepped:	3/2/2006	**By:**	WBH
Date Expired:	8/23/2007	**Lot #:**	04L149
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	3100 series
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag	P/N 4400-INTB1-100	100	ppm
Ba		50	ppm
Be		50	ppm
Cd		100	ppm
Co		50	ppm
Cr		50	ppm
Mn		50	ppm
Ni		100	ppm
Pb		100	ppm
V		50	ppm
Zn		100	ppm
Sb		50	ppm

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MF0603002

CERTIFICATE OF ANALYSIS

P/N 4400-INTB1-100

CLP Analytes B Solution
in 5% HNO_3

Lot # 04L149

Material Source: Metals and Salts
Source Purity: 99.99+%

Elements and Concentrations: µg/mL

Ag	100	Ba	50	Be	50	Cd	100
Co	50	Cr	50	Cu	50	Mn	50
Ni	100	Pb	100	V	50	Zn	100

This standard solution was prepared using high-purity reference materials, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100 series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

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Intial: WBH
Date: 3/17/06

METALS STANDARD DOCUMENTATION

Standard:	ICP QC-25 1PPM	**ME #:**	06030017
Date Received/Prepped:	3/17/2006	**By:**	WBH
Date Expired:	9/17/2006	**Lot #:**	VARIUS
Manufacturer:	MWH-WBH	**Certificate:**	
Matrix:	5% HNO3	**NIST SRM:**	
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
AG	5mL ME0510001+ 5mL ME051	1	PPM
AL	per 500ml DI	1	PPM
B		1	PPM
BA		1	PPM
BE		1	PPM
CA		1	PPM
CD		1	PPM
CO		1	PPM
CR		1	PPM
CU		1	PPM
FE		1	PPM
K		10	PPM
LI		1	PPM
MG		1	PPM
MN		1	PPM
MO		1	PPM
NA		1	PPM
NI		1	PPM
PB		1	PPM
SB		1	PPM
SE		1	PPM
SI		0.5	PPM
SR		1	PPM
TI		1	PPM
TL		1	PPM
V		1	PPM
ZN		1	PPM

Intial: WBH
Date: 10/10/05

METALS STANDARD DOCUMENTATION

Standard:	QC Check Std 7	**ME #:**	510002
Date Received/Prepped:	10/10/2005	**By:**	WBH
Date Expired:	9/30/2006	**Lot #:**	012520B
Manufacturer:	Crescent Chemical	**Certificate:**	Y
Matrix:	5% HNO_3 + tr. HF	**NIST SRM:**	Various
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
Ag	QC-007.1	100	ppm
Al		100	ppm
B		100	ppm
Ba		100	ppm
K		1000	ppm
Na		100	ppm
Si		50	ppm

ME0510002

Laboratory Report - Certificate of Analysis

Environmental Multielement Standard

QC Check Standard 7

CATALOG NO: QC-007.1

CONTENTS: See Below

MATRIX: 5% HNO_3/tr. F^- **LOT NO.:** 012520B

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a multielement solution, that was prepared gravimetrically to contain the elements/concentrations shown below.

In order to verify the concentration, the final solution was checked against NIST SRMS: 3101a, 3104a, 3107, 3141a, 3150, 3151, and 3152a.

Concentrations are given in µg/mL unless noted otherwise.

Ag	**100**	**Al**	**100**	**B**	**100**	**Ba**	**100**	**K**	**1,000±5**
Na	**100**	**Si**	**50.0**						

Crescent Chemical Co. Inc.

Julie M. MacDonald

QA Manager

EXPIRES: September 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

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Intial: WBH
Date: 10/10/05

METALS STANDARD DOCUMENTATION

Standard:	QC Check Std 21	**ME #:**	510001
Date Received/Prepped:	10/10/2005	**By:**	WBH
Date Expired:	9/30/2006	**Lot #:**	012520A
Manufacturer:	Crescent Chemical	**Certificate:**	Y
Matrix:	5% HNO3 + tr. Tartaric Acid	**NIST SRM:**	Various
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
AS	QC-021.1	100	ppm
Be		100	ppm
Ca		100	ppm
Cd		100	ppm
Co		100	ppm
Cr		100	ppm
Cu		100	ppm
Fe		100	ppm
Li		100	ppm
Mg		100	ppm
Mn		100	ppm
Mo		100	ppm
Ni		100	ppm
Pb		100	ppm
Sb		100	ppm
Se		100	ppm
Sr		100	ppm
Ti		100	ppm
Tl		100	ppm
V		100	ppm
Zn		100	ppm

MF051001

Laboratory Report - Certificate of Analysis

Environmental Multielement Standard

QC Check Standard 21

CATALOG NO: QC-021.1

CONTENTS: See Below

MATRIX: 5% HNO_3/tr. F^-/tr. Tartaric Acid **LOT NO.:** 012520A

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a multielement solution, that was prepared gravimetrically to contain the elements/concentrations shown below.

In order to verify the concentration, the final solution was checked against NIST SRMS: 3102a, 3103a, 3105a, 3108, 3109a, 3112a, 3113, 3114, 3126a, 3128, 3129a, 3131a, 3132, 3134, 3136, 3149, 3153a, 3158, 3162a, 3165, and 3168a.

Concentrations are given in µg/mL unless noted otherwise.

As 100	**Be 100**	**Ca 100**	**Cd 100**	**Co 100**
Cr 100	**Cu 100**	**Fe 100**	**Li 100**	**Mg 100**
Mn 100	**Mo 100**	**Ni 100**	**Pb 100**	**Sb 100**
Se 100	**Sr 100**	**Ti 100**	**Tl 100**	**V 100**
Zn 100				

Crescent Chemical Co. Inc.

Julie M. MacArthur

QA Manager

EXPIRES: September 2006

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Intial: WBH
Date: 3/29/06

METALS STANDARD DOCUMENTATION

Standard:	ICP LINEARITY CHECK	**ME #:**	0603018
Date Received/Prepped:	3/29/2006	**By:**	WBH
Date Expired:	9/29/2006	**Lot #:**	
Manufacturer:	MWH-WBH	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	3100 SERIES
Amount:	500mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
CA	15.0mL ME0509005/500mL	300	ppm
K	15.0mL ME0509001/500mL	300	ppm
MG	10.0mL ME0509002/500mL	200	ppm
NA	15.0mL ME0509004/500mL	300	ppm
FE	5.0mL ME0507003/500mL	100	ppm

Intial: WBH
Date: 9/13/05

METALS STANDARD DOCUMENTATION

Standard:	Potassium Stock Solution	**ME #:**	0509001
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	05E073
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	1% HNO3	**NIST SRM:**	3141
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
K	P/N 4400-10M411	10000	ppm

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CERTIFICATE OF ANALYSIS

17050901

P/N 4400-10M411
P/N S4400-10M411

Single-Element Potassium Standard
K in 1% HNO_3
10,000 ± 30 µg/mL

Lot # 05E073

Material Source: Potassium Nitrate (KNO_3)
Source Purity: 99.999%
Specific Gravity: 1.014 @ 21 °C

This standard solution was prepared using high-purity salt, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3141. Trace impurities of the standard solution at 1000µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	0.39	0.1	Cu	0.16	0.1	Pb	ND	0.1	K	X	70	Tl	ND	0.1
Sb	0.34	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.14	0.1	Eu	ND	0.1	Mg	2.6	0.2	Rh	ND	0.1	Sn	0.17	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	0.93	1	Rb	9.5	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	ND	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	0.4	0.1	Si	50	20	Yb	ND	0.1
Ca	82	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	ND	0.1	I	ND	0.2	Os	ND	0.1	Na	19	1	Zn	2.9	1
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	1	0.1	Zr	ND	0.1
Cr	ND	1	Fe	ND	30	P	18	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element ND=Not Detected DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 9/13/05

METALS STANDARD DOCUMENTATION

Standard:	Magnesium Stock Solution	**ME #:**	0509002
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	05E074
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	4% HNO3	**NIST SRM:**	3131
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Mg	P/N 4400-10M311	10000	ppm

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CERTIFICATE OF ANALYSIS

170509002

P/N 4400-10M311
P/N S4400-10M311

Single-Element Magnesium Standard
Mg in 4% HNO_3
10,000 ± 30 µg/mL

Lot # 05E074

Material Source: Magnesium Metal
Source Purity: 99.99%
Specific Gravity: 1.047 @ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3131. Trace impurities of the standard solution at 1000 µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	28	0.1	Cu	1.6	0.1	Pb	7.7	0.7	K	ND	70	Tl	0.91	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	0.28	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.28	0.1	Eu	ND	0.1	Mg	X	0.2	Rh	ND	0.1	Sn	0.14	0.1
Be	ND	0.1	Gd	0.23	0.1	Mn	19.8	1	Rb	ND	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	0.18	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	ND	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	1.1	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	1	0.1	Si	64	20	Yb	ND	0.1
Ca	ND	7	Ho	ND	0.1	Nb	ND	0.1	Ag	0.19	0.1	Y	0.2	0.1
Ce	2.1	0.1	I	1	0.2	Os	ND	0.1	Na	7.2	1	Zn	ND	1
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	0.19	0.1	Zr	0.29	0.1
Cl	ND	1	Fe	80	30	P	ND	10	Ta	ND	0.1			
Cr	ND	0.1	La	0.76	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element ND=Not Detected DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 9/13/05

METALS STANDARD DOCUMENTATION

Standard:	Sodium Stock Solution	**ME #:**	0509004
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	05H187
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	1% HNO3	**NIST SRM:**	3152a
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Na	P/N 4400-10M521	10000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-10M521
P/N S4400-10M521

M6090 ME0509004

Single-Element Sodium Standard
Na in 1% HNO_3
10,000 ± 30 µg/mL

Lot # 05H187

Material Source: Sodium Nitrate ($NaNO_3$)
Source Purity: 99.99%
Specific Gravity: 1.046 @ 21 °C

This standard solution was prepared using high-purity salt, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3152a. Trace impurities of the standard solution at 1000µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	1.5	0.1	Cu	0.45	0.1	Pb	ND	0.1	K	ND	70	Tl	ND	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.13	0.1	Eu	ND	0.1	Mg	2.3	0.2	Rh	ND	0.1	Sn	ND	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	ND	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	0.4	0.1	Si	50	8	Yb	ND	0.1
Ca	120	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	ND	0.1	I	ND	0.2	Os	ND	0.1	Na	**X**	1	Zn	2.9	2
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	1	0.1	Zr	ND	0.1
Cr	ND	1	Fe	ND	30	P	18	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element ND=Not Detected DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the United States or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 9/13/05

METALS STANDARD DOCUMENTATION

Standard:	Calcium Stock Solution	**ME #:**	0509005
Date Received/Prepped:	9/13/2005	**By:**	WBH
Date Expired:	3/9/2007	**Lot #:**	05H064
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	1% HNO3	**NIST SRM:**	3109a
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ca	P/N 4400-10M91	10000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-10M91
P/N S4400-10M91

Single-Element Calcium Standard
Ca in 4% HNO_3
10,000 ± 30 µg/mL

M20505005

Lot # 05H064

Material Source: Calcium Carbonate ($CaCO_3$)
Source Purity: 99.997%
Specific Gravity: 1.033 @ 21 °C

This standard solution was prepared using high-purity salt, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3109a. Trace impurities of the standard solution at 1000 µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	7	0.1	Cu	1.7	0.1	Pb	0.23	0.1	K	ND	70	Tl	0.27	0.1
Sb	ND	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	1.5	0.1	Eu	ND	0.1	Mg	38	0.2	Rh	ND	0.1	Sn	ND	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	1.5	4	Ge	ND	0.1	Mo	ND	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	3	0.1	Si	47	8	Yb	ND	0.1
Ca	X	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	ND	0.1	I	0.27	0.2	Os	ND	0.1	Na	11.6	1	Zn	3.5	2
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	55	0.1	Zr	ND	0.1
Cr	ND	1	Fe	INT	30	P	ND	10	Ta	ND	0.1			
Co	INT	0.1	La	0.41	0.1	Pt	ND	0.1	Te	ND	0.1			

INT=Interference from Major Element ND=None Detected X=Major Element DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 7/22/05

METALS STANDARD DOCUMENTATION

Standard:	Iron Stock Standard	**ME #:**	0507003
Date Received/Prepped:	7/22/2005	**By:**	WBH
Date Expired:	1/15/2007	**Lot #:**	05C162
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	4% HNO3	**NIST SRM:**	3126a
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Fe	P/N 4400-10M261	10000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-10M261
P/N S4400-10M261

MT0507003

Single-Element Iron Standard
Fe in 4% HNO_3
10,000 ± 30 µg/mL

Lot # 05C162

Material Source: Iron Metal
Source Purity: 99.999%
Specific Gravity: 1.064
@ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3126a. Trace impurities of the standard solution at 1000 µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	INT	0.1	Cu	6.4	0.1	Pb	ND	0.1	K	ND	70	Tl	0.18	0.1
Sb	0.35	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	ND	0.1	Eu	ND	0.1	Mg	1.3	0.2	Rh	ND	0.1	Sn	0.67	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	INT	1	Rb	ND	0.1	Ti	0.21	0.1
Bi	ND	0.1	Ga	0.41	0.1	Hg	ND	0.2	Ru	ND	0.1	W	0.13	0.1
B	ND	4	Ge	INT	0.1	Mo	4.9	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	9.3	0.1	Si	INT	8	Yb	ND	0.1
Ca	15	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	ND	0.1	I	0.34	0.2	Os	ND	0.1	Na	8	1	Zn	8.6	2
Cs	0.34	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	ND	0.1
Cr	3.3	1	Fe	X	30	P	28	10	Ta	ND	0.1			
Co	12	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

INT=Interference from Major Element ND=Not Detected X=Major Element DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

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Intial: WBH
Date: 12/30/05

METALS STANDARD DOCUMENTATION

Standard:	Calib. Std for si,sn,sr,ti	**ME #:**	0512008
Date Received/Prepped:	12/30/2005	**By:**	WBH
Date Expired:	6/30/2006	**Lot #:**	
Manufacturer:	MWH-wbh	**Certificate:**	
Matrix:	DI	**NIST SRM:**	
Amount:	500 mL	Room temp. storage	

Component	Comment	Conc. Unit:
SI	2.5mL ME0507004	50 ppm
SN	2.5mL ME0507001	5 ppm
SR	1.5mL ME0511013	3 ppm
TI	5.0mL ME0511009	10 ppm
SIO2	2.5mL ME0507004	107 ppm

Intial: WBH
Date: 3/22/06

METALS STANDARD DOCUMENTATION

Standard:	Tin Stock Standard	**ME #:**	0507001
Date Received/Prepped:	7/22/2005	**By:**	WBH
Date Expired:	1/15/2007	**Lot #:**	04L080
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	40% HCl	**NIST SRM:**	3161
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Sn	P/N 4400-1000612	1000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-1000612
P/N S4400-1000612

Single-Element Tin Standard
Sn in 40 % HCl
1000 ± 3 µg/mL

M20507001

Lot # 04L080

Material Source: Tin Metal
Source Purity: 99.998%
Specific Gravity: 1.003 @ 21 °C

This standard solution was prepared using high purity metal, sub-boiled distilled hydrochloric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3161. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		Ppb	DL		ppb	DL		ppb	DL
Al	26	0.1	Cu	0.95	0.1	Pb	3.2	0.1	K	ND	70	Tl	ND	0.1
Sb	INT	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	0.2	0.1	Th	ND	0.1
As	12	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	INT	0.1	Eu	0.2	0.1	Mg	1.3	0.2	Rh	ND	0.1	Sn	X	0.1
Be	ND	0.1	Gd	0.6	0.1	Mn	ND	1	Rb	ND	0.1	Ti	ND	0.1
Bi	0.3	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	0.6	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	ND	0.1	Hf	0.3	0.1	Ni	INT	0.1	Si	ND	8	Yb	ND	0.1
Ca	110	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	0.9	0.1	I	0.2	0.2	Os	ND	0.1	Na	50	1	Zn	ND	2
Cs	INT	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	0.9	0.1
Cr	ND	1	Fe	ND	30	P	ND	10	Ta	ND	0.1			
Co	INT	0.1	La	INT	0.1	Pt	ND	0.1	Te	INT	0.1			

X=Major Element INT=Interference from Major Element DL=Detection Limit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the United States or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 7/27/05

METALS STANDARD DOCUMENTATION

Standard:	Silicon Stock Standard	**ME #:**	0507004
Date Received/Prepped:	7/22/2005	**By:**	WBH
Date Expired:	1/15/2007	**Lot #:**	,05E081
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	H2O	**NIST SRM:**	3150
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Si	P/N 4400-10M504F	10000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-10M504F
P/N S4400-10M504F

M705070D4

Single Element Silicon Standard
Si in H_2O
10,000 ± 30 µg/mL

Lot # 05E081

Material Source: Ammonium Hexafluorosilicate (NH_4SiF_6)
Source Purity: 99.999%
Specific Gravity: 1.0.36 @ 21 °C

This standard solution was prepared using high purity Ammonium Hexafluorosilicate and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3150. Trace impurities of the standard solution at 1000 µg/mL were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	6	0.1	Cu	0.9	0.1	Pb	ND	0.7	K	ND	70	Tl	ND	0.1
Sb	0.77	0.1	Dy	ND	0.1	Li	4.8	0.6	Pr	ND	0.1	Th	ND	0.1
As	ND	0.6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.57	0.1	Eu	ND	0.1	Mg	1.1	0.2	Rh	ND	0.1	Sn	0.13	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	4.4	0.1	Ti	4.7	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	0.58	0.1
B	ND	4	Ge	0.48	0.1	Mo	0.16	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	0.2	0.1	Se	ND	7	V	ND	1
Cd	ND	0.1	Hf	ND	0.1	Ni	0.46	0.1	Si	X	20	Yb	ND	0.1
Ca	43	30	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	ND	0.1	I	ND	0.2	Os	ND	0.1	Na	2.8	1	Zn	ND	1
Cs	ND	0.1	Ir	ND	0.1	Pd	ND	0.1	Sr	ND	0.1	Zr	1	0.1
Cr	ND	1	Fe	ND	20	P	ND	10	Ta	3.1	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	0.23	0.1			

X=Major Element INT=Interference from Major Element ND=Not Detected DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 11/17/05

METALS STANDARD DOCUMENTATION

Standard:	Titanium Stock Standard	**ME #:**	511009
Date Received/Prepped:	11/17/2005	**By:**	WBH
Date Expired:	5/10/2007	**Lot #:**	05F118
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	2% HNO3 + 0.1% HF	**NIST SRM:**	3162a
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
Ti	P/N S4400-1000623	1000	ppm

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CERTIFICATE OF ANALYSIS

P/N 4400-1000623
P/N S4400-1000623

M705/1009

Single Element Titanium Standard
Ti in 2% HNO_3 + 0.1% HF
1000 ± 3 µg/mL

Lot # 05F118

Material Source: Titanium Metal
Source Purity: 99.99%
Specific Gravity: 1.021 @ 21 °C

This standard solution was prepared using high-purity metal, sub-boiled distilled nitric and hydrofluoric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric Teflon labware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3162a. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	37	0.1	Cu	INT	0.1	Pb	0.81	0.1	K	ND	70	Tl	0.72	0.1
Sb	0.17	0.1	Dy	ND	0.1	Li	ND	0.4	Pr	ND	0.1	Th	ND	0.1
As	13	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	0.45	0.1	Eu	ND	0.1	Mg	INT	0.2	Rh	ND	0.1	Sn	2.7	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	0.2	0.1	Ti	X	0.1
Bi	0.2	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	ND	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	6.2	0.1	Sm	0.2	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	8.2	6	V	1.9	1
Cd	ND	0.1	Hf	0.21	0.1	Ni	8	0.1	Si	INT	8	Yb	ND	0.1
Ca	180	7	Ho	ND	0.1	Nb	0.5	0.1	Ag	ND	0.1	Y	ND	0.1
Ce	0.21	0.1	I	ND	0.2	Os	ND	0.1	Na	5.1	1	Zn	INT	2
Cs	ND	0.1	Ir	ND	0.1	Pd	1.6	0.1	Sr	0.2	0.1	Zr	2.5	0.1
Cr	1.5	1	Fe	45	30	P	16	10	Ta	ND	0.1			
Co	ND	0.1	La	ND	0.1	Pt	ND	0.1	Te	0.2	0.1			

X=Major Element INT=Interference from Major Element DL=DetectionLimit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the United States or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 11/17/05

METALS STANDARD DOCUMENTATION

Standard:	Strontium Stock Standard	**ME #:**	511013
Date Received/Prepped:	11/17/2005	**By:**	WBH
Date Expired:	5/10/2007	**Lot #:**	05F052
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	3153a
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc. Unit:
Sr	P/N S4400-10000531	1000 ppm

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CERTIFICATE OF ANALYSIS

MAY 10 '07

MF05110/3

P/N 4400-1000531
P/N S4400-1000531

Single-Element Strontium Standard
Sr in 2% HNO_3
1000 ± 3 µg/mL

Lot # 05F052

Material Source: Strontium Carbonate ($SrCO_3$)
Source Purity: 99.999 %
Specific Gravity: 1.010 @ 21 °C

This standard solution was prepared using high purity salt, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3153a. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	14.8	0.1	Cu	1.2	0.1	Pb	0.83	0.1	K	ND	70	Tl	3.9	0.1
Sb	0.3	0.1	Dy	ND	0.1	Li	5	0.4	Pr	ND	0.1	Th	ND	0.1
As	ND	6	Er	ND	0.1	Lu	ND	1	Re	ND	0.1	Tm	ND	0.1
Ba	8.5	0.1	Eu	ND	0.1	Mg	1.5	0.2	Rh	INT	0.1	Sn	ND	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	ND	0.1
Bi	ND	0.1	Ga	ND	0.1	Hg	ND	0.2	Ru	INT	0.1	W	ND	0.1
B	ND	4	Ge	ND	0.1	Mo	0.36	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	ND	0.1	Nd	ND	0.1	Se	ND	6	V	ND	1
Cd	0.2	0.1	Hf	ND	0.1	Ni	0.45	0.1	Si	22	8	Yb	ND	0.1
Ca	INT	7	Ho	ND	0.1	Nb	ND	0.1	Ag	ND	0.1	Y	3.4	0.1
Ce	0.71	0.1	I	INT	0.2	Os	ND	0.1	Na	8.9	1	Zn	10	2
Cs	ND	0.1	Ir	ND	0.1	Pd	INT	0.1	Sr	X	0.1	Zr	ND	0.1
Cr	ND	1	Fe	ND	30	P	ND	10	Ta	ND	0.1			
Co	ND	0.1	La	4.8	0.1	Pt	ND	0.1	Te	INT	0.1			

X=Major Element INT=Interference from Major Element DL=Detection Limit ND=None Detected

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: WBH
Date: 3/14/06

METALS STANDARD DOCUMENTATION

Standard:	CCV Working Std for SnSrSiTi	**ME #:**	0603016
Date Received/Prepped:	3/14/2006	**By:**	WBH
Date Expired:	9/14/2006	**Lot #:**	
Manufacturer:	MWH-wbh	**Certificate:**	yes
Matrix:	H2O	**NIST SRM:**	varius
Amount:	500 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
Sl	1.25mLME0511021	25	ppm
Sn	1.25mL ME0503016	2.5	ppm
Sr	0.75mL ME0511022	1.5	ppm
Ti	2.5mL ME0503017	5	ppm
SiO2	1.25mLME0511021	53.5	ppm

Intial: WBH
Date: 11/22/05

METALS STANDARD DOCUMENTATION

Standard:	Strontium Stock Standard	**ME #:**	0511022
Date Received/Prepped:	11/22/2005	**By:**	WBH
Date Expired:	11/22/2006	**Lot #:**	013264B
Manufacturer:	MWH-wbh	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	3153a
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
Sr	Cat# 8608.1	1000	ppm

Laboratory Report - Certificate of Analysis

M805110222

Strontium Plasma Emission Standard

CATALOG NO: 8608.1

CONCENTRATION: 1,000 ± 3 μg/ml *

ELEMENT: Strontium

MATRIX: 5% HNO_3

LOT NO.: 013264B

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a single element solution, that was prepared gravimetrically to contain 1,000 μg of strontium per mL of solution.

In order to verify the concentration, the final solution was checked against NIST SRM 3153a by plasma emission spectrometry (ICP or DCP). All trace elements and impurities, in the final solution, were also determined by ICP or DCP.

Concentrations are given in μg/mL unless noted otherwise.

Al	<.04	**Ag**	**.03**	As	<.2	Au	<.08	B	<.02	**Ba**	**.05**	**Be**	**.03**	Bi	<.2	Ca	<.002
Cd	<.02	Ce	<.3	Co	<.02	Cr	<.02	Cs	<100	Cu	<.02	Dy	<.03	Er	<.02	Eu	<.02
Fe	<.02	Ga	<.03	Gd	<.07	Ge	<.1	Hf	<.05	Hg	<.2	Ho	<.02	In	<.2	Ir	<.2
K	<.5	La	<.03	Li	<.02	Lu	<.02	Mg	<.002	Mn	<.02	Mo	<.04	Na	<.1	Nb	<.05
Nd	<.05	Ni	<.02	Os	<.2	P	<.1	Pb	<.1	Pd	<.1	Pr	<.06	Pt	<.2	Rb	<50
Re	<.1	Rh	<.02	Ru	<.05	S	<.05	Sb	<.2	Sc	<.01	Se	<.5	Si	<.04	Sm	<.04
Sn	<.1	**Sr**	*	Ta	<.1	Tb	<.06	Te	<.5	Th	<.2	Ti	<.02	Tl	<.1	Tm	<.04
U	<.4	V	<.02	W	<.2	Y	<.02	Yb	<.01	Zn	<.02	Zr	<.04				

Crescent Chemical Co. Inc.

Julie M. Meidhof

QA Manager

EXPIRES: November 2006

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Crescent Chemical Co. Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 11/22/05

METALS STANDARD DOCUMENTATION

Standard:	Silicon Stock Standard	**ME #:**	0511021
Date Received/Prepped:	11/22/2005	**By:**	WBH
Date Expired:	11/22/2006	**Lot #:**	013264A
Manufacturer:	MWH-wbh	**Certificate:**	Y
Matrix:	H2O with tr HF	**NIST SRM:**	3150
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc. Unit:
Si	Cat# 8747.1	10000 ppm

Laboratory Report - Certificate of Analysis

MF051102(

Silicon Plasma Emission Standard

CATALOG NO: 8747.1

CONCENTRATION: 10,000 ± 30 μg/ml *

ELEMENT: Silicon

MATRIX: H_2O/tr. F^-

LOT NO.: 013264A

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a single element solution, that was prepared gravimetrically to contain 10,000 μg of silicon per mL of solution.

In order to verify the concentration, the final solution was checked against NIST SRM 3150 by plasma emission spectrometry (ICP or DCP). All trace elements and impurities, in the final solution, were also determined by ICP or DCP.

Concentrations are given in μg/mL unless noted otherwise.

Al	<.04	Ag	<.02	As	<.2	Au	<.08	B	<.02	**Ba**	**.02**	Be	<.003	Bi	<.2	**Ca**	**.01**
Cd	<.02	Ce	<.3	Co	<.02	Cr	<.02	Cs	<100	Cu	<.02	Dy	<.03	Er	<.02	Eu	<.02
Fe	<.02	Ga	<.03	Gd	<.07	Ge	<.1	Hf	<.05	Hg	<.2	Ho	<.02	In	<.2	Ir	<.2
K	<.5	La	<.03	Li	<.02	Lu	<.02	Mg	<.002	Mn	<.02	Mo	<.04	Na	<.1	Nb	<.05
Nd	<.05	Ni	<.02	Os	<.2	P	<.1	Pb	<.1	Pd	<.1	Pr	<.06	Pt	<.2	Rb	<50
Re	<.1	Rh	<.02	Ru	<.05	S	<.05	Sb	<.2	Sc	<.01	Se	<.5	**Si**	*	Sm	<.04
Sn	<.1	Sr	<.003	Ta	<.1	Tb	<.06	Te	<.5	Th	<.2	Ti	<.02	Tl	<.1	Tm	<.04
U	<.4	V	<.02	W	<.2	Y	<.02	Yb	<.01	Zn	<.02	Zr	<.04				

Crescent Chemical Co. Inc.

Julie M. MacDonald

QA Manager

EXPIRES: November 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

Crescent Chemical Co, Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 3/28/05

METALS STANDARD DOCUMENTATION

Standard:	Titanium	**ME #:**	0503017
Date Received/Prepped:	3/28/2005	**By:**	WBH
Date Expired:	3/31/2006	**Lot #:**	009373E
Manufacturer:	Crescent	**Certificate:**	Y
Matrix:	Tr. F-/H2O	**NIST SRM:**	3162a
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc. Unit:
Ti	Cat # 8626.1	1000 ppm

Laboratory Report - Certificate of Analysis

M7050317

Titanium Plasma Emission Standard

CATALOG NO: 8626.1

CONCENTRATION: 1,000 ± 3 μg/ml *

ELEMENT: Titanium

MATRIX: H_2O/tr. F^-

LOT NO.: 009373E

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a single element solution, that was prepared gravimetrically to contain 1,000 μg of titanium per mL of solution.

In order to verify the concentration, the final solution was checked against NIST SRM 3162a by plasma emission spectrometry (ICP or DCP). All trace elements and impurities, in the final solution, were also determined by ICP or DCP.

Concentrations are given in μg/mL unless noted otherwise.

Al	**.06**	Ag	<.02	As	<.2	Au	<.08	B	< 02	Ba	<.003	Be	<.003	Bi	<.2	Ca	<.002
Cd	<.02	Ce	<.3	Co	<.02	Cr	<.02	Cs	<100	Cu	<.02	Dy	<.03	Er	<.02	Eu	<.02
Fe	<.02	Ga	<.03	Gd	<.07	Ge	<.1	Hf	<.05	Hg	<.2	Ho	<.02	In	<.2	Ir	<.2
K	<.5	La	<.03	Li	<.02	Lu	<.02	Mg	<.002	Mn	<.02	Mo	<.04	Na	<.1	Nb	<.05
Nd	<.05	Ni	<.02	Os	<.2	P	<.1	Pb	<.1	Pd	<.1	Pr	<.06	Pt	<.2	Rb	<50
Re	<.1	Rh	<.02	Ru	<.05	S	<.05	Sb	<.2	Sc	<.01	Se	<.5	Si	<.04	Sm	<.04
Sn	<.1	Sr	<.003	Ta	<.1	Tb	<.06	Te	<.5	Th	<.2	**Ti**	*	Tl	<.1	Tm	<.04
U	<.4	V	<.02	W	<.2	Y	<.02	Yb	<.01	Zn	<.02	Zr	<.04				

Crescent Chemical Co. Inc.

Julie M. MacIntosh

QA Manager

EXPIRES: March 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

Crescent Chemical Co, Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 3/28/06

METALS STANDARD DOCUMENTATION

Standard:	Tin	**ME #:**	0503016
Date Received/Prepped:	3/28/2005	**By:**	WBH
Date Expired:	3/31/2006	**Lot #:**	009797D
Manufacturer:	Crescent	**Certificate:**	Y
Matrix:	20% HCL	**NIST SRM:**	3161a
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
Sn	Cat # 8624.1	1000	ppm

MB050315

Laboratory Report - Certificate of Analysis

Lithium Plasma Emission Standard

CATALOG NO: 8558.1

CONCENTRATION: 1,000 ± 3 μg/ml * **ELEMENT:** Lithium

MATRIX: 5% HNO_3 **LOT NO.:** 009373F

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a single element solution, that was prepared gravimetrically to contain 1,000 μg of lithium per mL of solution.

In order to verify the concentration, the final solution was checked against NIST SRM 3129a by plasma emission spectrometry (ICP or DCP). All trace elements and impurities, in the final solution, were also determined by ICP or DCP.

Concentrations are given in μg/mL unless noted otherwise.

Al	<.04	Ag	<.02	As	<.2	Au	<.08	B	<.02	Ba	<.003	Be	<.003	Bi	<.2	Ca	<.002
Cd	<.02	Ce	<.3	Co	<.02	Cr	<.02	Cs	<100	Cu	<.02	Dy	<.03	Er	<.02	Eu	<.02
Fe	<.02	Ga	<.03	Gd	<.07	Ge	<.1	Hf	<.05	Hg	<.2	Ho	<.02	In	<.2	Ir	<.2
K	<.5	La	<.03	**Li**	*	Lu	<.02	Mg	<.002	Mn	<.02	Mo	<.04	Na	<.1	Nb	<.05
Nd	<.05	Ni	<.02	Os	<.2	P	<.1	Pb	<.1	Pd	<.1	Pr	<.06	Pt	<.2	Rb	<50
Re	<.1	Rh	<.02	Ru	<.05	S	<.05	Sb	<.2	Sc	<.01	Se	<.5	Si	<.04	Sm	<.04
Sn	<.1	Sr	<.003	Ta	<.1	Tb	<.06	Te	<.5	Th	<.2	Ti	<.02	Tl	<.1	Tm	<.04
U	<.4	V	<.02	W	<.2	Y	<.02	Yb	<.01	Zn	<.02	Zr	<.04				

Crescent Chemical Co. Inc.

Julie M. Macintosh

QA Manager

EXPIRES: March 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

Crescent Chemical Co, Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 3/14/06

METALS STANDARD DOCUMENTATION

Standard:	MRL Stock for SnSrSiTi	**ME #:**	0603012
Date Received/Prepped:	3/14/2006	**By:**	WBH
Date Expired:	9/14/2006	**Lot #:**	
Manufacturer:	MWH-wbh	**Certificate:**	
Matrix:	H2O	**NIST SRM:**	
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Si	0.2mL ME0507004	20	ppm
Sr	0.1mL ME0511013	1	ppm
Sn	2.0mL ME0507001	20	ppm
Ti	0.2mL ME0511009	2	ppm
SiO2	0.2mL ME0507004	42.8	ppm

Intial: WBH
Date: 3/14/06

METALS STANDARD DOCUMENTATION

Standard:	LCS/Spike Stock for SnSrSiTi	**ME #:**	0603013
Date Received/Prepped:	3/14/2006	**By:**	WBH
Date Expired:	9/14/2006	**Lot #:**	
Manufacturer:	MWH-wbh	**Certificate:**	
Matrix:	H2O	**NIST SRM:**	
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Si	10mL ME0511021	1000	ppm
Sr	10mL ME0511002 WBH 3/14/06	100	ppm
Sn	10mL ME0503016	100	ppm
Ti	10mL ME0503017	100	ppm
SiO2	10mL ME0511021	2140	ppm

ICP SUMMARY SHEET

File ID: 060330
Date Started: 3/30/06
Analyst ID: wbh

SAMPLE ID

Wash	(8:02)	FILTER CHECK	(8:23)	2603240135	(8:41)
WASH	(8:56)	2603150119	(9:09)	2603090347	(9:15)
2603100260	(9:20)	2603140472	(9:23)	2603140436_2	(9:27)
2603150120_2	(9:31)	2603210144_2	(9:35)	2603210150_2	(9:38)
2603210153_2	(9:42)	2603210155_2	(10:01)	2603210156_2	(10:05)
2603220347_2	(10:08)	2603220348_2	(10:12)	2603220357_2	(10:16)
2603220360_2	(10:20)	2603230069_2	(10:24)	2603230197_2	(10:29)
2603240122_2	(10:33)	2603240118_2	(10:36)	Wash	(10:48)

COMMENT:

Analyst: WBH

Approved By: _____

MWH LABS
REV. 1.0
07/18/05

Scan Prep Sheet

Lab Batch No: OPTIMA060330WBH

Batch Date: 3/30/06

LAB TEST TYPE: 200.7

Associated Lab Batch Nos: N/A
Calibration: N/A
Rerun: N/A
Other: N/A

If using Prep date as Batch date, you must also include the analytical date.

Analytical Date: N/A

BATCH NUMBER for 060330

Test Parameter:

SCA YR AG AL AS B_ BA BE CA CD CO CR CU FE K MG MN MO NA NI

Batch ID: 2603240135

2603240135	2603150119	2603090347
2603100260	2603140472	2603140436_2X
2603150120_2X	2603210144_2X	2603210150_2X
2603210153_2X	2603210155_2X	2603210156_2X
2603220347_2X	2603220348_2X	2603220357_2X
2603220360_2X	2603230069_2X	2603230197_2X
2603240122_2X	2603240118_2X	

Reagent and Standards used for
Optima 4300 DV
Updated 03/29/06

Int: LVSN
Date: 2/3/07

Method 200.7/6010

Reagent	Lot #
HNO3	R# 100360
HCL	R# 100369

Standards	Lot #	Exp. Date	Dilution	
Calibration	ME0505010	(06/01/06)	1:10 ME0601003	
(Prepare daily)	ME0505011	(06/01/06)	1:10	
			CCV/ECV	MCV
CCV/MCV/ECV	ME0511002	(10/31/06)	1:20 ME0601004	1:40 ME0601005
(Prepare daily)				
Spike/LCS	ME0503020	(09/25/06)	1:100 ME0601006	
(Prepare daily)	ME0603006	(09/02/06)	1:100	
	ME0511001	(04/26/07)	1:200	
MRL	ME0603014	(09/14/06)	1:100 ME0603015	
(Prepare daily)				
ICSA	ME0603005	(09/02/06)		
ICSAB	ME0603004	(09/02/06)		
QC-25 1PPM	ME0603017	(09/17/06)		
Linearity	ME0603018	(09/29/06)		

Method Sr/Ti/Sn/SiO2

Calibration	ME0512008	(06/30/06)	
CCV/ECV	ME0603016	(09/14/06)	
Spike/LCS	ME0603012	(09/14/06)	1:100
(Prepare daily)			
MRL	ME0603011	(09/14/06)	1:100
(Prepare daily)			

Method Li

Std/ICV/MRL	ME0603010	(09/14/06)	1:1000, 200, 40, 10
(Prepare daily)			
LCS/Spike	ME0603011	(09/14/06)	1:50
(Prepare daily)			
ccv	ME0603011	(09/14/06)	1:40
(Prepare daily)			

From May 2005: the calibration std for ICP should be ME0505010,011 not ME0408010 dilution should be 1:20 and 1:40 not 1:200 and 1:400. 1/10/2006

File ID: 060330

B

3/30/06

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	5.0350	5.04	95-105	100%
Linearity Check	3/30/06	7:51	1	.03840	.038		
ICSA	3/30/06	7:55	1	0.0135	.0135	80-120	
ICSAB	3/30/06	7:58	1	0.0087	.0087	80-120	
Wash	3/30/06	8:02	1	0.0105	.010		
QC-25 1ppm	3/30/06	8:06	1	.92502	.930		
CCV	3/30/06	8:09	1	2.4865	2.49	90-110	99.4%
ICB	3/30/06	8:15	1	0.0149	.015		
MRL	3/30/06	8:19	1	0.0571	.0571	50-150	114%
FILTER CHECK	3/30/06	8:23	1	0.0095	.0095		
MRL2007	3/30/06	8:26	1	0.0544	.0544		
MBLANK	3/30/06	8:30	1	0.0074	.0074		
LCS	3/30/06	8:34	1	.46615	.466	85-115	93.2%
LCSD	3/30/06	8:38	1	.46848	.468	85-115	93.6%
2603240135	3/30/06	8:41	2	3.7890	3.8		
2603240135MS (119)	3/30/06	8:45	2	4.2313	4.23	[0.442]	~~44.2~~ Q 88.4%
2603240135MSD (120)	3/30/06	8:49	2	4.3233	4.32	[0.534]	~~53.4~~ Q 107%
2603240135T	3/30/06	8:49	2		1.00	70 - 130	
WASH	3/30/06	8:56	1	0.0189	.019		
CCV	3/30/06	8:59	1	2.3308	2.33	90-110	93.2%
CCB	3/30/06	9:05	1	0.0188	.019		
2603150119	3/30/06	9:09	1	0.0153	.015		
2603150119MS	3/30/06	9:12	1	.45834	.458	[0.443]	88.6%
2603090347	3/30/06	9:15	1	.14924	.150		
2603100260	3/30/06	9:20	1	0.0118	.012		
2603140472	3/30/06	9:23	1	0.0116	.012		
2603140436_2X	3/30/06	9:27	2	1.3400	1.3		
2603150120_2X	3/30/06	9:31	2	.56412	.560		
2603210144_2X	3/30/06	9:35	2	1.1780	1.2		
2603210150_2X	3/30/06	9:38	2	.47004	.470		
2603210153_2X	3/30/06	9:42	2	1.1777	1.2		
CCV	3/30/06	9:46	1	2.3148	2.31	90-110	92.5%
CCB	3/30/06	9:52	1	0.0149	.015		
MCV	3/30/06	9:57	1	1.1499	1.15	90-110	91.9%
2603210155_2X	3/30/06	10:01	2	1.1977	1.2		
2603210156_2X	3/30/06	10:05	2	1.1638	1.2		
2603220347_2X	3/30/06	10:08	2	1.1909	1.2		
2603220348_2X	3/30/06	10:12	2	.47476	.470		
2603220357_2X	3/30/06	10:16	2	.54246	.540		
2603220360_2X	3/30/06	10:20	2	1.4163	1.4		
2603230069_2X	3/30/06	10:24	2	1.6474	1.6		
2603230197_2X	3/30/06	10:29	2	.74359	.740		
2603240122_2X	3/30/06	10:33	2	.76248	.760		
2603240118_2X	3/30/06	10:36	2	1.0102	1.0		
ICSA	3/30/06	10:40	1	0.0052	.0052	80-120	

File ID: 060330

B_

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	0.0061	.0061	80-120	
Wash	3/30/06	10:48	1	.01076	.011		
QC-25 1ppm	3/30/06	10:53	1	.90082	.9		
ECV	3/30/06	10:57	1	2.3664	2.37	90-110	94.6%
ECB	3/30/06	11:03	1	0.0175	.018		
MRL	3/30/06	11:06	1	0.0599	.0599	50-150	119%

File ID: 060330

CA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	99.832	99.8	95-105	99.8%
Linearity Check	3/30/06	7:51	1	295.44	300		
ICSA	3/30/06	7:55	1	242.78	243	80-120	97.1%
ICSAB	3/30/06	7:58	1	238.70	239	80-120	95.4%
Wash	3/30/06	8:02	1	0.0084	.0084		
QC-25 1ppm	3/30/06	8:06	1	1.0479	1.0		
CCV	3/30/06	8:09	1	49.417	49.4	90-110	98.8%
ICB	3/30/06	8:15	1	0.0096	.0096		
MRL	3/30/06	8:19	1	1.0123	1.01	50-150	101%
FILTER CHECK	3/30/06	8:23	1	0.0048	.0048		
MRL2007	3/30/06	8:26	1	1.0402	1.04		
MBLANK	3/30/06	8:30	1	.03189	.032		
LCS	3/30/06	8:34	1	50.055	50.1	85-115	100%
LCSD	3/30/06	8:38	1	50.731	50.7	85-115	101%
2603240135	3/30/06	8:41	2	242.04	240		82.4
2603240135MS (L/LS)	3/30/06	8:45	2	283.75	284	[41.713]	~~41.7 Q~~
2603240135MSD (120)	3/30/06	8:49	2	291.53	292	[49.490]	~~49.4 Q~~
2603240135T	3/30/06	8:49	2		100.00	70 - 130	98.3
WASH	3/30/06	8:56	1	-0.0001	ND		
CCV	3/30/06	8:59	1	48.966	49	90-110	97.9%
CCB	3/30/06	9:05	1	-0.0011	ND		
2603150119	3/30/06	9:09	1	.26550	.270		
2603150119MS	3/30/06	9:12	1	48.728	48.7	[48.463]	96.9%
2603090347	3/30/06	9:15	1	82.639	83		
2603100260	3/30/06	9:20	1	.46801	.470		
2603140472	3/30/06	9:23	1	.15141	.150		
2603140436_2X	3/30/06	9:27	2	135.95	140		
2603150120_2X	3/30/06	9:31	2	119.44	120		
2603210144_2X	3/30/06	9:35	2	91.762	92		
2603210150_2X	3/30/06	9:38	2	61.256	61		
2603210153_2X	3/30/06	9:42	2	136.85	140		
CCV	3/30/06	9:46	1	49.346	49.3	90-110	98.6%
CCB	3/30/06	9:52	1	-0.0006	ND		
MCV	3/30/06	9:57	1	24.294	24.3	90-110	97.1%
2603210155_2X	3/30/06	10:01	2	98.627	99		
2603210156_2X	3/30/06	10:05	2	88.663	89		
2603220347_2X	3/30/06	10:08	2	121.53	120		
2603220348_2X	3/30/06	10:12	2	59.466	59		
2603220357_2X	3/30/06	10:16	2	59.184	59		
2603220360_2X	3/30/06	10:20	2	139.18	140		
2603230069_2X	3/30/06	10:24	2	264.95	260		
2603230197_2X	3/30/06	10:29	2	59.876	60		
2603240122_2X	3/30/06	10:33	2	101.38	100		
2603240118_2X	3/30/06	10:36	2	71.885	72		
ICSA	3/30/06	10:40	1	245.45	245	80-120	98.1%

File ID: 060330

CA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	240.25	240	80-120	96.1%
Wash	3/30/06	10:48	1	0.0014	.0014		
QC-25 1ppm	3/30/06	10:53	1	1.0802	1.1		
ECV	3/30/06	10:57	1	50.517	50.5	90-110	101%
ECB	3/30/06	11:03	1	-0.0012	ND		
MRL	3/30/06	11:06	1	1.0153	1.02	50-150	101%

File ID: 060330

FE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	9.9629	9.96	95-105	99.6%
Linearity Check	3/30/06	7:51	1	99.283	99		
ICSA	3/30/06	7:55	1	98.330	98.3	80-120	98.3%
ICSAB	3/30/06	7:58	1	96.022	96	80-120	96.0%
Wash	3/30/06	8:02	1	0.0022	.0022		
QC-25 1ppm	3/30/06	8:06	1	1.0258	1.0		
CCV	3/30/06	8:09	1	5.0856	5.09	90-110	101%
ICB	3/30/06	8:15	1	0.0004	0.0003		
MRL	3/30/06	8:19	1	0.0207	.0207	50-150	103%
FILTER CHECK	3/30/06	8:23	1	0.0002	0.0002		
MRL2007	3/30/06	8:26	1	0.0220	.022		
MBLANK	3/30/06	8:30	1	0.0036	.0036		
LCS	3/30/06	8:34	1	5.0387	5.04	85-115	100%
LCSD	3/30/06	8:38	1	5.0229	5.02	85-115	~~100%~~ 102
2603240135	3/30/06	8:41	2	.41239	.410		
2603240135MS	3/30/06	8:45	2	5.5416	5.54	[5.129]	~~51.2 Q~~
2603240135MSD	3/30/06	8:49	2	5.5677	5.57	[5.155]	~~51.5 Q~~
2603240135T	3/30/06	8:49	2		10.00	70 - 130	103%
WASH	3/30/06	8:56	1	-0.0013	ND		
CCV	3/30/06	8:59	1	5.1012	5.1	90-110	102%
CCB	3/30/06	9:05	1	0.0002	0.0001		
2603150119	3/30/06	9:09	1	0.0480	.048		
2603150119MS	3/30/06	9:12	1	4.9807	4.98	[4.933]	98.6%
2603090347	3/30/06	9:15	1	.16688	.170		
2603100260	3/30/06	9:20	1	0.0916	.092		
2603140472	3/30/06	9:23	1	0.0084	.0084		
2603140436_2X	3/30/06	9:27	2	2.8315	2.8		
2603150120_2X	3/30/06	9:31	2	14.236	14		
2603210144_2X	3/30/06	9:35	2	1.9414	1.9		
2603210150_2X	3/30/06	9:38	2	.77917	.780		
2603210153_2X	3/30/06	9:42	2	12.061	12		
CCV	3/30/06	9:46	1	5.0701	5.07	90-110	101%
CCB	3/30/06	9:52	1	-0.0011	ND		
MCV	3/30/06	9:57	1	2.4806	2.48	90-110	99.2%
2603210155_2X	3/30/06	10:01	2	3.0010	3.0		
2603210156_2X	3/30/06	10:05	2	1.1869	1.2		
2603220347_2X	3/30/06	10:08	2	1.5862	1.6		
2603220348_2X	3/30/06	10:12	2	1.1872	1.2		
2603220357_2X	3/30/06	10:16	2	.17976	.180		
2603220360_2X	3/30/06	10:20	2	.14091	.140		
2603230069_2X	3/30/06	10:24	2	0.0540	.054		
2603230197_2X	3/30/06	10:29	2	1.3142	1.3		
2603240122_2X	3/30/06	10:33	2	31.235	31		
2603240118_2X	3/30/06	10:36	2	329.49	330 → RR 50X		
ICSA	3/30/06	10:40	1	98.663	98.7	80-120	98.6%

File ID: 060330

FE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	95.658	95.7	80-120	95.6%
Wash	3/30/06	10:48	1	0.0011	.0011		
QC-25 1ppm	3/30/06	10:53	1	1.0582	1.1		
ECV	3/30/06	10:57	1	5.1579	5.16	90-110	103%
ECB	3/30/06	11:03	1	-0.0005	ND		
MRL	3/30/06	11:06	1	0.0205	.0205	50-150	102%

File ID: 060330

K

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	100.06	100	95-105	100%
Linearity Check	3/30/06	7:51	1	317.48	320		
ICSA	3/30/06	7:55	1	.31764	.318	80-120	
ICSAB	3/30/06	7:58	1	.16677	.167	80-120	
Wash	3/30/06	8:02	1	0.0390	.039		
QC-25 1ppm	3/30/06	8:06	1	9.7112	9.7		
CCV	3/30/06	8:09	1	49.427	49.4	90-110	98.8%
ICB	3/30/06	8:15	1	0.0224	.022		
MRL	3/30/06	8:19	1	.98827	.988	50-150	98.8%
FILTER CHECK	3/30/06	8:23	1	0.0062	.0062		
MRL2007	3/30/06	8:26	1	.91780	.918		
MBLANK	3/30/06	8:30	1	-0.0195	ND		
LCS	3/30/06	8:34	1	19.222	19.2	85-115	96.1%
LCSD	3/30/06	8:38	1	19.083	19.1	85-115	95.4%
2603240135	3/30/06	8:41	2	17.725	18		97.4 C
2603240135MS (115) (120)	3/30/06	8:45	2	37.219	37.2	[19.494]	~~48.7 Q~~
2603240135MSD	3/30/06	8:49	2	37.516	37.5	[19.790]	~~49.4 Q~~
2603240135T	3/30/06	8:49	2		40.00	70 - 130	93.8
WASH	3/30/06	8:56	1	-.02921	ND		3/30/06
CCV	3/30/06	8:59	1	48.868	48.9	90-110	97.7%
CCB	3/30/06	9:05	1	0.0495	.050		
2603150119	3/30/06	9:09	1	0.0756	.076		
2603150119MS	3/30/06	9:12	1	18.781	18.8	[18.705]	93.5%
2603090347	3/30/06	9:15	1	5.3702	5.4		
2603100260	3/30/06	9:20	1	0.0648	.065		
2603140472	3/30/06	9:23	1	.01468	.015		
2603140436_2X	3/30/06	9:27	2	15.454	15		
2603150120_2X	3/30/06	9:31	2	12.251	12		
2603210144_2X	3/30/06	9:35	2	10.628	11		
2603210150_2X	3/30/06	9:38	2	9.5247	9.5		
2603210153_2X	3/30/06	9:42	2	14.158	14		
CCV	3/30/06	9:46	1	48.587	48.6	90-110	97.1%
CCB	3/30/06	9:52	1	0.0346	.035		
MCV	3/30/06	9:57	1	23.554	23.6	90-110	94.2%
2603210155_2X	3/30/06	10:01	2	11.017	11		
2603210156_2X	3/30/06	10:05	2	10.150	10		
2603220347_2X	3/30/06	10:08	2	11.414	11		
2603220348_2X	3/30/06	10:12	2	9.2343	9.2		
2603220357_2X	3/30/06	10:16	2	9.0152	9.0		
2603220360_2X	3/30/06	10:20	2	14.591	15		
2603230069_2X	3/30/06	10:24	2	12.347	12		
2603230197_2X	3/30/06	10:29	2	9.5347	9.5		
2603240122_2X	3/30/06	10:33	2	19.141	19		
2603240118_2X	3/30/06	10:36	2	4.7747	4.8		
ICSA	3/30/06	10:40	1	0.0924	.0924	80-120	

File ID: 060330

K

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	-0.0186	ND		
Wash	3/30/06	10:48	1	-.06249	ND	80-120	
QC-25 1ppm	3/30/06	10:53	1	9.8336	9.8		
ECV	3/30/06	10:57	1	49.090	49.1	90-110	98.1%
ECB	3/30/06	11:03	1	-0.0306	ND		
MRL	3/30/06	11:06	1	.95385	.954	50-150	95.3%

File ID: 060330 MG

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	99.900	99.9	95-105	99.9%
Linearity Check	3/30/06	7:51	1	193.89	190		
ICSA	3/30/06	7:55	1	238.35	238	80-120	95.3%
ICSAB	3/30/06	7:58	1	235.51	236	80-120	94.2%
Wash	3/30/06	8:02	1	0.0069	.0069		
QC-25 1ppm	3/30/06	8:06	1	1.0548	1.1		
CCV	3/30/06	8:09	1	50.991	51	90-110	101%
ICB	3/30/06	8:15	1	0.0047	.0047		
MRL	3/30/06	8:19	1	.10768	.108	50-150	107%
FILTER CHECK	3/30/06	8:23	1	0.0041	.0041		
MRL2007	3/30/06	8:26	1	.10874	.109		
MBLANK	3/30/06	8:30	1	0.0036	.0036		
LCS	3/30/06	8:34	1	20.027	20	85-115	100%
LCSD	3/30/06	8:38	1	19.952	20	85-115	99.7%
2603240135	3/30/06	8:41	2	120.79	120		
2603240135MS	3/30/06	8:45	2	137.22	137	[16.436]	41.0 Q
2603240135MSD	3/30/06	8:49	2	141.54	142	[20.752]	51.8 Q
2603240135T	3/30/06	8:49	2		40.00	70 - 130	
WASH	3/30/06	8:56	1	0.0023	.0023		
CCV	3/30/06	8:59	1	51.308	51.3	90-110	102%
CCB	3/30/06	9:05	1	0.0027	.0027		
2603150119	3/30/06	9:09	1	0.0435	.044		
2603150119MS	3/30/06	9:12	1	19.679	19.7	[19.636]	98.1%
2603090347	3/30/06	9:15	1	31.152	31		
2603100260	3/30/06	9:20	1	0.0682	.068		
2603140472	3/30/06	9:23	1	0.0240	.024		
2603140436_2X	3/30/06	9:27	2	53.961	54		
2603150120_2X	3/30/06	9:31	2	58.684	59		
2603210144_2X	3/30/06	9:35	2	47.346	47		
2603210150_2X	3/30/06	9:38	2	25.854	26		
2603210153_2X	3/30/06	9:42	2	81.515	82		
CCV	3/30/06	9:46	1	51.295	51.3	90-110	102%
CCB	3/30/06	9:52	1	0.0026	.0026		
MCV	3/30/06	9:57	1	25.298	25.3	90-110	101%
2603210155_2X	3/30/06	10:01	2	51.345	51		
2603210156_2X	3/30/06	10:05	2	45.818	46		
2603220347_2X	3/30/06	10:08	2	68.561	69		
2603220348_2X	3/30/06	10:12	2	26.093	26		
2603220357_2X	3/30/06	10:16	2	23.147	23		
2603220360_2X	3/30/06	10:20	2	53.462	53		
2603230069_2X	3/30/06	10:24	2	135.39	140		
2603230197_2X	3/30/06	10:29	2	22.983	23		
2603240122_2X	3/30/06	10:33	2	94.690	95		
2603240118_2X	3/30/06	10:36	2	22.266	22		
ICSA	3/30/06	10:40	1	241.81	242	80-120	96.7%

File ID: 060330

MG

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	237.37	237	80-120	94.9%
Wash	3/30/06	10:48	1	0.0053	.0053		
QC-25 1ppm	3/30/06	10:53	1	1.0862	1.1		
ECV	3/30/06	10:57	1	51.910	51.9	90-110	103%
ECB	3/30/06	11:03	1	0.0031	.0031		
MRL	3/30/06	11:06	1	.10827	.108	50-150	108%

File ID: 060330 NA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	7:47	1	99.830	99.8	95-105	99.8%
Linearity Check	3/30/06	7:51	1	308.85	310		
ICSA	3/30/06	7:55	1	.11269	.113	80-120	
ICSAB	3/30/06	7:58	1	.10056	.101	80-120	
Wash	3/30/06	8:02	1	0.0174	.017		
QC-25 1ppm	3/30/06	8:06	1	1.0559	1.1		
CCV	3/30/06	8:09	1	50.040	50	90-110	100%
ICB	3/30/06	8:15	1	0.0122	.012		
MRL	3/30/06	8:19	1	.98570	.986	50-150	98.5%
FILTER CHECK	3/30/06	8:23	1	0.0062	.0062		
MRL2007	3/30/06	8:26	1	.99869	.999		
MBLANK	3/30/06	8:30	1	0.0074	.0074		
LCS	3/30/06	8:34	1	48.837	48.8	85-115	97.6%
LCSD	3/30/06	8:38	1	48.614	48.6	85-115	97.2%
2603240135	3/30/06	8:41	2	438.46	440		71.2%
2603240135MS (119)	3/30/06	8:45	2	474.07	474	[35.612]	~~35.6 Q~~
2603240135MSD (120)	3/30/06	8:49	2	487.48	487	[49.019]	~~49.0 Q~~
2603240135T 3/31/06	3/30/06	8:49	2		100.00	70 - 130	98%
WASH	3/30/06	8:56	1	0.0090	.009		3/30/06
CCV	3/30/06	8:59	1	49.577	49.6	90-110	99.1%
CCB	3/30/06	9:05	1	-0.0024	ND		
2603150119	3/30/06	9:09	1	.21201	.210		
2603150119MS	3/30/06	9:12	1	47.530	47.5	[47.318]	94.6%
2603090347	3/30/06	9:15	1	101.03	100		
2603100260	3/30/06	9:20	1	.62481	.620		
2603140472	3/30/06	9:23	1	.16645	.170		
2603140436_2X	3/30/06	9:27	2	298.13	300		
2603150120_2X	3/30/06	9:31	2	167.78	170		
2603210144_2X	3/30/06	9:35	2	228.58	230		
2603210150_2X	3/30/06	9:38	2	160.77	160		
2603210153_2X	3/30/06	9:42	2	319.30	320		
CCV	3/30/06	9:46	1	49.489	49.5	90-110	98.9%
CCB	3/30/06	9:52	1	0.0103	.010		
MCV	3/30/06	9:57	1	23.983	24	90-110	95.9%
2603210155_2X	3/30/06	10:01	2	232.50	230		
2603210156_2X	3/30/06	10:05	2	222.38	220		
2603220347_2X	3/30/06	10:08	2	329.40	330		
2603220348_2X	3/30/06	10:12	2	162.98	160		
2603220357_2X	3/30/06	10:16	2	171.47	170		
2603220360_2X	3/30/06	10:20	2	311.85	310		
2603230069_2X	3/30/06	10:24	2	249.15	250		
2603230197_2X	3/30/06	10:29	2	159.66	160		
2603240122_2X	3/30/06	10:33	2	173.14	170		
2603240118_2X	3/30/06	10:36	2	154.61	150		
ICSA	3/30/06	10:40	1	.18483	.185	80-120	

File ID: 060330

NA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICSAB	3/30/06	10:44	1	0.0426	.0426	80-120	
Wash	3/30/06	10:48	1	0.0104	.010		
QC-25 1ppm	3/30/06	10:53	1	1.0796	1.1		
ECV	3/30/06	10:57	1	49.789	49.8	90-110	99.5%
ECB	3/30/06	11:03	1	0.0045	.0045		
MRL	3/30/06	11:06	1	.97678	.977	50-150	97.6%

Landscape Summary File ID: 060330 Date: 3/30/06 Analyst: wbh Page: 1

Sample ID	Time	SCA	YR	AG	AL	AS	B	BA	BE	CA	CD	CO
ICV	7:47	N/A	N/A	2.00/2	9.99/10	9.94/10	5.04	9.97/10	3.94/4	99.8/100	4.98/5	9.96
Linearity Check	7:51	N/A	N/A	-.0377	-.0119	-.1006	0.0384	0.0016	-.0005	295.4	-.0017	0.0030
ICSA	7:55	N/A	N/A	-.039	246/250	-.211	0.014	0.002	-.000	243/250	-.002	0.002
ICSAB	7:58	N/A	N/A	0.479	242/250	-.210	0.009	0.253/.25	0.247/.25	239/250	0.471/.5	0.233/.25
Wash	8:02	N/A	N/A	0.0004	0.0024	0.0009	0.0105	0.0002	0.0001	0.0084	-.0000	0.0000
QC-25 1ppm	8:06	N/A	N/A	0.9870	1.021	0.9659	0.9250	1.055	0.9450	1.048	0.9645	1.048
CCV	8:09	N/A	N/A	1.01/1	5.06/5	4.86/5	2.49	5.10/5	2.02/2	49.4/50	2.52/2.5	5.05
ICB	8:15	N/A	N/A	0.0000	0.0015	0.0072	0.0149	0.0007	0.0001	0.0096	0.0001	0.0001
MRL	8:19	N/A	N/A	0.010/.01	0.053/.05	0.093/.1	0.057	0.020/.02	0.001/.001	1.01/1	0.006/.005	0.050/.05
FILTER CHECK	8:23	N/A	N/A	0.0001	0.0005	0.0057	0.0095	0.0001	0.0001	0.0048	-.0001	-.0000
MRL2007	8:26	N/A	N/A	0.010/.01	0.051/.05	0.101/.1	0.054	0.021/.02	0.001/.001	1.04/1	0.006/.005	0.053/.05
MBLANK	8:30	N/A	N/A	0.0002	0.0009	0.0033	0.0074	-.0000	0.0001	0.0319	0.0001	-.0000
LCS	8:34	N/A	N/A	0.497/.5	1.95/2	0.980/1	0.466	1.02/1	0.050/.05	50.1/50	0.202/.2	1.01/1
LCSD	8:38	N/A	N/A	0.496/.5	1.96/2	0.976/1	0.468	1.02/1	0.050/.05	50.7/50	0.202/.2	1.01/1
2603240135	8:41	N/A	N/A	-.0006	0.4815	0.0386	3.789	0.0399	-.0003	242.0	-.0012	0.0004
2603240135MS	8:45	N/A	N/A	0.5083	2.541	1.084	4.231	1.093	0.0510	283.8	0.2094	1.029
2603240135MSD	8:49	N/A	N/A	0.5111	2.556	1.092	4.323	1.106	0.0513	291.5	0.2117	1.037
WASH	8:56	N/A	N/A	0.0003	-.0002	0.0007	0.0189	-.0001	0.0001	-.0001	0.0001	-.0001
CCV	8:59	N/A	N/A	0.998/1	5.08/5	4.69/5	2.33	5.23/5	2.03/2	49.0/50	2.54/2.5	5.10
CCB	9:05	N/A	N/A	0.0000	0.0009	0.0063	0.0188	-.0001	0.0001	-.0011	0.0000	-.0002
2603150119	9:09	N/A	N/A	0.0004	0.0314	0.0056	0.0153	0.0007	0.0001	0.2655	0.0003	0.0000
2603150119MS	9:12	N/A	N/A	0.4906	1.960	0.9567	0.4583	1.010	0.0499	48.73	0.1998	0.9992
2603090347	9:15	N/A	N/A	0.0001	0.0043	-.0156	0.1492	0.1743	-.0000	82.64	-.0012	-.0000
2603100260	9:20	N/A	N/A	0.0003	0.0430	0.0031	0.0118	0.0011	0.0002	0.4680	-.0000	-.0001
2603140472	9:23	N/A	N/A	0.0002	0.0108	0.0007	0.0116	0.0005	0.0002	0.1514	-.0000	-.0000
2603140436_2X	9:27	N/A	N/A	-.0004	3.405	0.0203	1.340	0.0776	0.0001	136.0	-.0010	0.0012
2603150120_2X	9:31	N/A	N/A	-.0048	17.21	0.0158	0.5641	0.2012	0.0009	119.4	0.0001	0.0089
2603210144_2X	9:35	N/A	N/A	-.0009	2.480	0.0378	1.178	0.0792	0.0001	91.76	-.0007	0.0001
2603210150_2X	9:38	N/A	N/A	-.0002	0.8254	0.0210	0.4700	0.0498	0.0000	61.26	-.0006	0.0006
2603210153_2X	9:42	N/A	N/A	-.0037	18.73	0.0525	1.178	0.3037	0.0013	136.9	0.0001	0.0058
CCV	9:46	N/A	N/A	0.997/1	5.06/5	4.68/5	2.31	5.20/5	2.04/2	49.3/50	2.53/2.5	5.08
CCB	9:52	N/A	N/A	0.0003	0.0012	0.0046	0.0149	-.0000	0.0001	-.0006	0.0003	-.0000
MCV	9:57	N/A	N/A	0.490/.5	2.46/2.5	2.29/2.5	1.15	2.58/2.5	1.01/1	24.3/25	1.23/1.25	2.53
2603210155_2X	10:01	N/A	N/A	-.0003	3.957	0.0580	1.198	0.0877	0.0002	98.63	0.0001	0.0015
2603210156_2X	10:05	N/A	N/A	-.0010	1.650	0.0502	1.164	0.0518	0.0001	88.66	-.0006	0.0004
2603220347_2X	10:08	N/A	N/A	-.0008	2.493	0.0774	1.191	0.0560	0.0000	121.5	0.0002	0.0002
2603220348_2X	10:12	N/A	N/A	0.0002	0.7480	0.0342	0.4748	0.0383	0.0000	59.47	-.0002	0.0003
2603220357_2X	10:16	N/A	N/A	0.0007	0.2203	0.0273	0.5425	0.0288	-.0001	59.18	-.0006	-.0001
2603220360_2X	10:20	N/A	N/A	-.0004	0.1576	0.0263	1.416	0.0552	-.0001	139.2	-.0016	0.0000
2603230069_2X	10:24	N/A	N/A	-.0012	0.0396	0.0944	1.647	0.0377	-.0002	265.0	-.0009	0.0003
2603230197_2X	10:29	N/A	N/A	0.0002	1.513	0.0146	0.7436	0.0381	0.0001	59.88	-.0008	0.0005
2603240122_2X	10:33	N/A	N/A	-.0109	37.67	-.0111	0.7625	0.3173	0.0026	101.4	-.0008	0.0144
2603240118_2X	10:36	N/A	N/A	-.1205	0.1217	-.2499	1.010	0.0274	-.0001	71.89	-.0025	0.0015
ICSA	10:40	N/A	N/A	-.037	249/250	-.214	0.005	0.002	-.000	245/250	-.002	0.002
ICSAB	10:44	N/A	N/A	0.472	242/250	-.209	0.006	0.261/.25	0.249/.25	240/250	0.474/.5	0.236/.25
Wash	10:48	N/A	N/A	0.0001	0.0030	0.0017	0.0108	-.0001	0.0001	0.0014	0.0002	-.0005
QC-25 1ppm	10:53	N/A	N/A	0.9732	1.054	0.9474	0.9008	1.071	0.9639	1.080	0.9655	1.060
ECV	10:57	N/A	N/A	0.998/1	5.10/5	4.72/5	2.37	5.24/5	2.04/2	50.5/50	2.53/2.5	5.15
ECB	11:03	N/A	N/A	0.0003	0.0004	0.0076	0.0175	-.0001	0.0001	-.0012	0.0001	-.0003

Landscape Summary File ID: 060330 Date: 3/30/06 Analyst: wbh Page: 2

Sample ID	Time	SCA	YR	AG	AL	AS	B	BA	BE	CA	CD	CO
MRL	11:06	N/A	N/A	0.010/.01	0.052/.05	0.093/.1	0.060	0.021/.02	0.001/.001	1.02/1	0.006/.005	0.051/.05

Landscape Summary File ID: 060330 Date: 3/30/06 Analyst: wbh Page: 3

Sample ID	Time	CR	CU	FE	K	MG	MN	MO	NA	NI	PB	SB
ICV	7:47	9.96/10	9.98/10	9.96/10	100/100	99.9/100	9.97/10	9.92/10	99.8/100	9.97/10	9.91/10	9.77/10
Linearity Check	7:51	-.0015	-.0092	99.28	317.5	193.9	0.0032	0.0030	308.9	-.0018	-.0033	0.0187
ICSA	7:55	-.002	-.010	98.3/100	0.318	238/250	0.003	0.001	0.113	-.002	-.038	0.010
ICSAB	7:58	0.241/.25	0.246/.25	96.0/100	0.167	236/250	0.251/.25	0.002	0.101	0.459/.5	0.438/.5	0.018
Wash	8:02	0.0002	0.0003	0.0022	0.0390	0.0069	0.0002	0.0006	0.0174	0.0003	0.0033	0.0015
QC-25 1ppm	8:06	1.012	0.9792	1.026	9.711	1.055	1.042	0.9685	1.056	1.067	1.062	0.9551
CCV	8:09	5.01/5	4.95/5	5.09/5	49.4/50	51.0/50	5.12/5	5.05/5	50.0/50	5.15/5	5.11/5	4.90/5
ICB	8:15	-.0002	0.0002	0.0004	0.0224	0.0047	0.0001	0.0007	0.0122	0.0002	0.0027	0.0013
MRL	8:19	0.010/.01	0.010/.01	0.021/.02	0.988/1	0.108/.1	0.002/.002	0.020/.02	0.986/1	0.021/.02	0.021/.02	0.044/.05
FILTER CHECK	8:23	-.0004	-.0001	0.0002	0.0062	0.0041	0.0001	0.0004	0.0062	0.0003	-.0003	0.0023
MRL2007	8:26	0.010/.01	0.011/.01	0.022/.02	0.918/1	0.109/.1	0.002/.002	0.020/.02	0.999/1	0.022/.02	0.022/.02	0.050/.05
MBLANK	8:30	-.0004	0.0010	0.0036	-.0195	0.0036	0.0001	0.0004	0.0074	0.0000	0.0009	0.0023
LCS	8:34	0.997/1	0.960/1	5.04/5	19.2/20	20.0/20	0.521/.5	0.971/1	48.8/50	0.514/.5	1.06/1	0.468/.5
LCSD	8:38	0.996/1	0.958/1	5.02/5	19.1/20	20.0/20	0.521/.5	0.976/1	48.6/50	0.514/.5	1.05/1	0.465/.5
2603240135	8:41	0.0265	0.0192	0.4124	17.73	120.8	0.1159	0.1232	438.5	-.0013	-.0156	0.0152
2603240135MS	8:45	1.035	0.9914	5.542	37.22	137.2	0.6526	1.116	474.1	0.5187	1.050	0.5092
2603240135MSD	8:49	1.044	1.001	5.568	37.52	141.5	0.6598	1.131	487.5	0.5215	1.061	0.5092
WASH	8:56	0.0002	0.0002	-.0013	-.0292	0.0023	0.0001	0.0004	0.0090	-.0002	-.0008	0.0004
CCV	8:59	5.12/5	4.75/5	5.10/5	48.9/50	51.3/50	5.18/5	5.20/5	49.6/50	5.20/5	5.21/5	4.85/5
CCB	9:05	0.0002	0.0002	0.0002	0.0495	0.0027	0.0001	0.0013	-.0024	-.0005	0.0000	0.0025
2603150119	9:09	0.0002	0.0016	0.0480	0.0756	0.0435	0.0098	0.0008	0.2120	0.0002	0.0002	0.0014
2603150119MS	9:12	0.9871	0.9500	4.981	18.78	19.68	0.5244	0.9694	47.53	0.5082	1.048	0.4576
2603090347	9:15	-.0011	0.0035	0.1669	5.370	31.15	0.0041	0.0075	101.0	-.0005	-.0068	0.0097
2603100260	9:20	0.0001	0.0053	0.0916	0.0648	0.0682	0.0076	0.0007	0.6248	0.0002	-.0001	-.0010
2603140472	9:23	-.0004	0.0010	0.0084	0.0147	0.0240	0.0043	0.0004	0.1665	-.0000	0.0001	0.0021
2603140436_2X	9:27	0.0586	0.0070	2.832	15.45	53.96	0.0787	0.0205	298.1	0.0016	-.0117	0.0145
2603150120_2X	9:31	0.0573	0.0462	14.24	12.25	58.68	0.6815	0.0067	167.8	0.0412	0.0269	0.0198
2603210144_2X	9:35	0.0174	0.0061	1.941	10.63	47.35	0.0705	0.0148	228.6	0.0004	-.0079	0.0132
2603210150_2X	9:38	0.0106	0.0100	0.7792	9.525	25.85	0.1809	0.0059	160.8	0.0001	-.0053	0.0086
2603210153_2X	9:42	0.0375	0.0591	12.06	14.16	81.52	0.6161	0.0439	319.3	0.0137	0.0067	0.0167
CCV	9:46	5.08/5	4.77/5	5.07/5	48.6/50	51.3/50	5.17/5	5.18/5	49.5/50	5.18/5	5.17/5	4.86/5
CCB	9:52	-.0002	0.0004	-.0011	0.0346	0.0026	0.0001	0.0012	0.0103	-.0000	-.0012	0.0014
MCV	9:57	2.51/2.5	2.36/2.5	2.48/2.5	23.6/25	25.3/25	2.61/2.5	2.54/2.5	24.0/25	2.58/2.5	2.55/2.5	2.36/2.5
2603210155_2X	10:01	0.0184	0.0071	3.001	11.02	51.35	0.0684	0.0187	232.5	0.0008	-.0076	0.0097
2603210156_2X	10:05	0.0154	0.0040	1.187	10.15	45.82	0.0303	0.0156	222.4	-.0013	-.0082	0.0099
2603220347_2X	10:08	0.0168	0.0091	1.586	11.41	68.56	0.0741	0.0491	329.4	-.0006	-.0098	0.0170
2603220348_2X	10:12	0.0362	0.0038	1.187	9.234	26.09	0.0300	0.0067	163.0	0.0003	-.0083	0.0084
2603220357_2X	10:16	0.0118	0.0029	0.1798	9.015	23.15	0.0138	0.0067	171.5	-.0021	-.0030	0.0124
2603220360_2X	10:20	0.0480	0.0028	0.1409	14.59	53.46	0.0064	0.0222	311.9	-.0022	-.0131	0.0131
2603230069_2X	10:24	-.0014	0.0029	0.0540	12.35	135.4	0.1149	0.0180	249.2	-.0024	-.0218	0.0223
2603230197_2X	10:29	0.0091	0.0030	1.314	9.535	22.98	0.0672	0.0145	159.7	0.0010	-.0092	0.0095
2603240122_2X	10:33	0.0703	0.0278	31.24	19.14	94.69	0.6560	0.0168	173.1	0.0392	0.0038	0.0117
2603240118_2X	10:36	0.0001	-.0387	329.5	4.775	22.27	5.192	-.0069	154.6	-.0048	0.0068	0.0313
ICSA	10:40	-.002	-.010	98.7/100	0.092	242/250	0.003	0.001	0.185	-.003	-.048	0.017
ICSAB	10:44	0.244/.25	0.236/.25	95.7/100	-.019	237/250	0.255/.25	0.000	0.043	0.466/.5	0.443/.5	0.020
Wash	10:48	0.0001	0.0003	0.0011	-.0625	0.0053	0.0001	0.0004	0.0104	-.0001	-.0011	-.0006
QC-25 1ppm	10:53	1.023	0.9470	1.058	9.834	1.086	1.069	0.9894	1.080	1.083	1.073	0.9375
ECV	10:57	5.13/5	4.75/5	5.16/5	49.1/50	51.9/50	5.21/5	5.17/5	49.8/50	5.26/5	5.20/5	4.85/5
ECB	11:03	0.0001	0.0003	-.0005	-.0306	0.0031	0.0000	0.0016	0.0045	-.0001	-.0006	0.0014

Landscape Summary File ID: 060330 Date: 3/30/06 Analyst: wbh Page: 4

Sample ID	Time	CR	CU	FE	K	MG	MN	MO	NA	NI	PB	SB
MRL	11:06	0.010/.01	0.009/.01	0.020/.02	0.954/1	0.108/.1	0.002/.002	0.020/.02	0.977/1	0.021/.02	0.021/.02	0.044/.05

Landscape Summary File ID: 060330 Date: 3/30/06 Analyst: wbh Page: 5

Sample ID	Time	SE	TL	V	ZN	ALX	BEX
ICV	7:47	9.90/10	9.99/10	10.0/10	9.90/10	9.98/10	3.94/4
Linearity Check	7:51	-.2188	0.0577	-.0028	0.0183	0.0014	-.0005
ICSA	7:55	-.229	0.047	-.002	0.018	N/A	-.000
ICSAB	7:58	-.222	0.052	0.238/.25	0.517/.5	N/A	0.247/.25
Wash	8:02	0.0015	0.0030	-.0002	0.0008	0.0022	0.0001
QC-25 1ppm	8:06	0.9209	1.059	0.9844	1.014	0.9464	0.9450
CCV	8:09	4.94/5	5.20/5	5.04/5	5.10/5	4.97/5	2.02/2
ICB	8:15	0.0036	0.0025	-.0001	0.0007	0.0006	0.0001
MRL	8:19	0.095/.1	0.112/.1	0.002/.002	0.021/.02	0.052/.05	0.001/.001
FILTER CHECK	8:23	0.0021	0.0011	0.0001	0.0004	0.0007	0.0001
MRL2007	8:26	0.095/.1	0.111/.1	0.002/.002	0.024/.02	0.047/.05	0.001/.001
MBLANK	8:30	-.0003	0.0011	-.0001	0.0044	0.0023	0.0001
LCS	8:34	0.990/1	1.08/1	0.994/1	1.03/1	1.85/2	0.050/.05
LCSD	8:38	0.983/1	1.08/1	0.993/1	1.02/1	1.84/2	0.050/.05
2603240135	8:41	-.0388	0.0876	0.0198	0.0057	0.4571	-.0003
2603240135MS	8:45	0.9887	1.123	1.042	1.063	2.397	0.0510
2603240135MSD	8:49	1.003	1.134	1.049	1.071	2.419	0.0513
WASH	8:56	-.0010	0.0012	0.0001	0.0005	0.0002	0.0001
CCV	8:59	4.75/5	5.27/5	5.10/5	5.08/5	4.60/5	2.03/2
CCB	9:05	0.0022	0.0024	0.0004	0.0006	0.0003	0.0001
2603150119	9:09	-.0027	0.0021	-.0000	0.0168	0.0306	0.0001
2603150119MS	9:12	0.9558	1.073	0.9852	1.021	1.838	0.0499
2603090347	9:15	-.0147	0.0366	0.0028	0.0030	0.0064	-.0000
2603100260	9:20	-.0004	0.0029	0.0001	0.0107	0.0420	0.0002
2603140472	9:23	0.0037	0.0036	0.0001	0.0036	0.0100	0.0002
2603140436_2X	9:27	-.0386	0.0674	0.0398	0.0489	3.181	0.0001
2603150120_2X	9:31	-.0467	0.0481	0.0837	4.389	15.73	0.0009
2603210144_2X	9:35	-.0267	0.0490	0.0363	0.0625	2.361	0.0001
2603210150_2X	9:38	-.0197	0.0358	0.0299	0.0595	0.7802	0.0000
2603210153_2X	9:42	-.0518	0.0569	0.0462	0.0935	17.75	0.0013
CCV	9:46	4.78/5	5.27/5	5.08/5	5.06/5	4.60/5	2.04/2
CCB	9:52	-.0004	0.0019	-.0000	0.0005	0.0008	0.0001
MCV	9:57	2.31/2.5	2.61/2.5	2.49/2.5	2.51/2.5	2.22(2.5)	1.01/1
2603210155_2X	10:01	-.0248	0.0594	0.0379	0.0906	3.729	0.0002
2603210156_2X	10:05	-.0311	0.0511	0.0342	0.0485	1.528	0.0001
2603220347_2X	10:08	-.0325	0.0595	0.0306	0.0099	2.278	0.0000
2603220348_2X	10:12	-.0186	0.0355	0.0322	0.0549	0.7081	0.0000
2603220357_2X	10:16	-.0193	0.0388	0.0288	0.0549	0.2024	-.0001
2603220360_2X	10:20	-.0351	0.0650	0.0330	0.0055	0.1522	-.0001
2603230069_2X	10:24	-.0391	0.0852	0.0160	0.0014	0.0481	-.0002
2603230197_2X	10:29	-.0164	0.0389	0.0236	0.0092	1.416	0.0001
2603240122_2X	10:33	-.0794	0.0354	0.0796	0.1311	34.33	0.0026
2603240118_2X	10:36	-.6710	0.0205	-.0128	0.4830	0.1144	-.0001
ICSA	10:40	-.223	0.049	-.002	0.016	N/A	-.000
ICSAB	10:44	-.219	0.052	0.246/.25	0.513/.5	N/A	0.249/.25
Wash	10:48	0.0027	0.0011	-.0002	0.0002	0.0013	0.0001
QC-25 1ppm	10:53	0.9006	1.058	0.9877	1.016	0.8890	0.9639
ECV	10:57	4.78/5	5.27/5	5.11/5	5.13/5	4.60/5	2.04/2
ECB	11:03	-.0004	0.0004	-.0001	0.0004	0.0006	0.0001

Sample ID	Time	SE	TL	V	ZN	ALX	BEX
MRL	11:06	0.097/.1	0.110/.1	0.002/.002	0.021/.02	0.047/.05	0.001/.001

Analysis Begun

Start Time: 3/29/2006 16:41:19
Logged In Analyst: Owner
Plasma On Time: 3/29/2006 07:28:50
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N2121801 Autosampler Model: AS-93plus

Sample Information File: C:\pe\Owner\Sample Information\060329B.sif
Batch ID: 060329B
Results Data Set: 060329B
Results Library: C:\pe\Owner\Results\Results.mdb

Sequence No.: 86
Sample ID: 240111
Analyst:
Initial Sample Wt:
Dilution: 1X
Autosampler Location:
Date Collected: 3/29/2006 16:41:19
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 240111

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 240111

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	361568.0	81.1	%	0.55				0.67%
Yr	400134.1	88.8	%	2.28				2.57%
Ag†	-165.3	-0.00062	mg/L	0.000090	-0.00062	mg/L	0.000090	14.58%
Al†	3097.0	0.478	mg/L	0.0080	0.478	mg/L	0.0080	1.67%
As†	157.1	0.0605	mg/L	0.00301	0.0605	mg/L	0.00301	4.97%
B_†	117307.6	3.90	mg/L	0.017	3.90	mg/L	0.017	0.43%
Ba†	2880.7	0.0390	mg/L	0.00014	0.0390	mg/L	0.00014	0.35%
Be†	-1072.7	-0.00041	mg/L	0.000033	-0.00041	mg/L	0.000033	8.10%
Ca†	5169817.8	235	mg/L	0.0	235	mg/L	0.0	0.01%
Cd†	3.8	0.00013	mg/L	0.000189	0.00013	mg/L	0.000189	150.11%
Co†	27.4	0.00091	mg/L	0.000023	0.00091	mg/L	0.000023	2.55%
Cr†	1906.9	0.0278	mg/L	0.00024	0.0278	mg/L	0.00024	0.86%
Cu†	1180.0	0.00284	mg/L	0.000146	0.00284	mg/L	0.000146	5.14%
Fe†	4501.6	0.385	mg/L	0.0024	0.385	mg/L	0.0024	0.62%
K†	25754.5	17.0	mg/L	0.07	17.0	mg/L	0.07	0.42%
Mg†	2269940.7	115	mg/L	0.1	115	mg/L	0.1	0.13%
Mn†	57945.2	0.110	mg/L	0.0007	0.110	mg/L	0.0007	0.62%
Mo†	1892.8	0.120	mg/L	0.0007	0.120	mg/L	0.0007	0.61%
Na†	1356629.4	444	mg/L	0.3	444	mg/L	0.3	0.06%
Ni†	-1.0	-0.00005	mg/L	0.000167	-0.00005	mg/L	0.000167	354.82%
Pb†	-57.7	-0.0123	mg/L	0.00060	-0.0123	mg/L	0.00060	4.86%
Sb†	13.4	0.00469	mg/L	0.001004	0.00469	mg/L	0.001004	21.41%
Se†	-43.9	-0.0254	mg/L	0.00267	-0.0254	mg/L	0.00267	10.52%
Tl†	159.7	0.0508	mg/L	0.00217	0.0508	mg/L	0.00217	4.27%
V†	3010.8	0.0195	mg/L	0.00008	0.0195	mg/L	0.00008	0.39%
Zn†	302.0	0.00591	mg/L	0.000010	0.00591	mg/L	0.000010	0.17%
Alx†	45261.6	486	ug/L	1.2	0.486	mg/L	0.0012	0.24%
Bex†	-1072.7	-0.408	ug/L	0.0331	-0.00041	mg/L	0.000033	8.10%

Sequence No.: 87
Sample ID: 240118
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location:
Date Collected: 3/29/2006 16:45:21
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 240118

Analyte	Back Pressure	Flow
All	273.0 kPa	0.65 L/min

Mean Data: 240118

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	378850.5	84.9	%	1.55				1.82%
Yr	406340.2	90.2	%	0.59				0.66%
Ag†	-33660.3	-0.126	mg/L	0.0004	-0.126	mg/L	0.0004	0.33%
Al†	678.0	0.105	mg/L	0.0026	0.105	mg/L	0.0026	2.45%
As†	-643.5	-0.248	mg/L	0.0066	-0.248	mg/L	0.0066	2.65%
B_†	32364.5	1.08	mg/L	0.010	1.08	mg/L	0.010	0.96%
Ba†	2014.2	0.0273	mg/L	0.00052	0.0273	mg/L	0.00052	1.91%
Be†	-590.0	-0.00022	mg/L	0.000036	-0.00022	mg/L	0.000036	16.02%
Ca†	1611139.9	73.1	mg/L	0.13	73.1	mg/L	0.13	0.17%
Cd†	-64.6	-0.00215	mg/L	0.000052	-0.00215	mg/L	0.000052	2.39%
Co†	68.4	0.00228	mg/L	0.000586	0.00228	mg/L	0.000586	25.76%
Cr†	69.5	0.00101	mg/L	0.000087	0.00101	mg/L	0.000087	8.55%
Cu†	-16351.8	-0.0394	mg/L	0.00028	-0.0394	mg/L	0.00028	0.70%
Fe†	3787080.5	323	mg/L	0.4	323	mg/L	0.4	0.13%
K†	7342.2	4.85	mg/L	0.104	4.85	mg/L	0.104	2.14%
Mg†	438688.9	22.2	mg/L	0.58	22.2	mg/L	0.58	2.61%
Mn†	2692526.4	5.09	mg/L	0.007	5.09	mg/L	0.007	0.14%
Mo†	-131.7	-0.00832	mg/L	0.000386	-0.00832	mg/L	0.000386	4.64%
Na†	504704.5	165	mg/L	0.1	165	mg/L	0.1	0.03%
Ni†	-76.8	-0.00346	mg/L	0.000254	-0.00346	mg/L	0.000254	7.35%
Pb†	57.9	0.0123	mg/L	0.00024	0.0123	mg/L	0.00024	1.92%
Sb†	60.9	0.0240	mg/L	0.00592	0.0240	mg/L	0.00592	24.68%
Se†	-1211.1	-0.702	mg/L	0.0059	-0.702	mg/L	0.0059	0.84%
Tl†	41.8	0.0133	mg/L	0.00066	0.0133	mg/L	0.00066	4.97%
V†	-1999.1	-0.0129	mg/L	0.00016	-0.0129	mg/L	0.00016	1.24%
Zn†	25816.9	0.505	mg/L	0.0025	0.505	mg/L	0.0025	0.50%
Alx†	11491.7	123	ug/L	2.5	0.123	mg/L	0.0025	2.02%
Bex†	-590.0	-0.224	ug/L	0.0360	-0.00022	mg/L	0.000036	16.02%

Nebulizer Parameters: Hg_ReAlign

Analyte	Back Pressure	Flow
All	201.0 kPa	0.54 L/min

3/30/2006 07:02:50 Hg ReAlign... Actual peak offset (nm): 0.003
Drift (nm): -0.000 Slit adjustment: -2

Align View XY Axial for analyte Mn 257.610

X-position	Y-position	Intensity
-2.0	15.0	268572.7
-1.6	15.0	384084.9
-1.2	15.0	518312.5
-0.8	15.0	655638.7
-0.4	15.0	780813.0
0.0	15.0	821981.9
0.4	15.0	822808.2
0.8	15.0	726098.6
1.2	15.0	601124.5
1.6	15.0	461438.9
2.0	15.0	330407.5
0.4	10.0	7549.6
0.4	10.5	23059.4
0.4	11.0	40245.1
0.4	11.5	63019.2
0.4	12.0	100910.9
0.4	12.5	230641.5
0.4	13.0	324521.0
0.4	13.5	449566.2
0.4	14.0	585572.9
0.4	14.5	778553.8
0.4	15.0	817989.3
0.4	15.5	780458.0
0.4	16.0	691846.9
0.4	16.5	488064.2
0.4	17.0	378775.0
0.4	17.5	282846.0
0.4	18.0	209518.0
0.4	18.5	129896.2
0.4	19.0	33095.5
0.4	19.5	15519.4
0.4	20.0	7626.6
-0.4	15.0	776728.5
0.0	15.0	827290.9
0.4	15.0	814736.7
0.8	15.0	727691.9
1.2	15.0	605943.2
0.0	13.0	345198.2
0.0	13.5	463500.0
0.0	14.0	606568.5
0.0	14.5	794289.5
0.0	15.0	836569.1
0.0	15.5	795215.6
0.0	16.0	713679.4
0.0	16.5	491395.8
0.0	17.0	384830.4

3/30/2006 07:06:08 aligned for analyte Mn 257.610
X viewing position set to 0.0 mm having Peak intensity 836569.1 for Axial viewing
Y viewing position set to 15.0 mm having Peak intensity 836569.1 for Axial viewing

Align View X Radial for analyte Mn 257.610

X-position	Y-position	Intensity
-7.0	15.0	11008.1
-6.5	15.0	16306.4
-6.0	15.0	19746.0
-5.5	15.0	20718.1
-5.0	15.0	20406.9

-4.5	15.0	19064.5
-4.0	15.0	17672.1
-3.5	15.0	22900.6
-3.0	15.0	41678.7
-2.5	15.0	61169.9
-2.0	15.0	89852.0
-1.5	15.0	137241.1
-1.0	15.0	263774.4
-0.5	15.0	398830.3
0.0	15.0	422089.0
0.5	15.0	378756.7
1.0	15.0	279157.4
1.5	15.0	171588.0
2.0	15.0	100677.4
2.5	15.0	58304.7
3.0	15.0	57390.2
3.5	15.0	51103.8
4.0	15.0	43198.2
4.5	15.0	33396.5
5.0	15.0	20379.4
5.5	15.0	13033.6
6.0	15.0	7170.2
6.5	15.0	3968.0
7.0	15.0	4742.9

3/30/2006 07:09:00 aligned for analyte Mn 257.610
X viewing position set to 0.0 mm having Peak intensity 422089.0 for Radial viewing

Analysis Begun

Start Time: 3/30/2006 07:40:44
Logged In Analyst: Owner
Spectrometer Model: Optima 4300 DV, S/N 077N2121801
Plasma On Time: 3/30/2006 06:30:04
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Owner\Sample Information\060330.sif
Batch ID: 060330
Results Data Set: 060330
Results Library: C:\pe\Owner\Results\Results.mdb

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 0
Date Collected: 3/30/2006 07:40:45
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sca	435516.9	5827.54	1.34%	100.0	%
Yr	436317.7	2958.58	0.68%	100	%
Ag†	283.5	98.68	34.81%	[0.00]	mg/L
Al†	-5.2	0.44	8.51%	[0.00]	mg/L
As†	3.1	0.22	7.11%	[0.00]	mg/L
B_†	115.7	3.30	2.85%	[0.00]	mg/L
Ba†	-19.3	4.27	22.13%	[0.00]	mg/L
Be†	-7342.3	44.90	0.61%	[0.00]	mg/L
Ca†	1666.4	31.07	1.86%	[0.00]	mg/L
Cd†	64.1	1.47	2.30%	[0.00]	mg/L
Co†	-47.8	4.59	9.61%	[0.00]	mg/L
Cr†	416.9	12.55	3.01%	[0.00]	mg/L
Cu†	4106.0	71.83	1.75%	[0.00]	mg/L
Fe†	-14.4	3.49	24.21%	[0.00]	mg/L
K†	-100.8	32.53	32.25%	[0.00]	mg/L
Mg†	115.3	3.30	2.86%	[0.00]	mg/L
Mn†	116.5	0.76	0.65%	[0.00]	mg/L
Mo†	29.5	1.28	4.34%	[0.00]	mg/L
Na†	-256.4	3.13	1.22%	[0.00]	mg/L
Ni†	-62.2	3.06	4.93%	[0.00]	mg/L
Pb†	-43.5	8.73	20.06%	[0.00]	mg/L
Sb†	2.1	1.02	48.77%	[0.00]	mg/L
Se†	-4.5	2.48	54.88%	[0.00]	mg/L
Tl†	-28.8	0.40	1.39%	[0.00]	mg/L
V†	184.3	8.11	4.40%	[0.00]	mg/L
Zn†	79.9	0.48	0.59%	[0.00]	mg/L
Alx†	-1.0	15.15	>999.9%	[0.00]	ug/L
Bex†	-7342.3	44.90	0.61%	[0.00]	ug/L

Sequence No.: 2
Sample ID: Standard 2
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 3/30/2006 07:44:33
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Standard 2

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: Standard 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sca	396236.6	1184.69	0.30%	91.0	%
Yr	405560.3	8503.25	2.10%	93.0	%
Ag†	533877.6	518.34	0.10%	[2]	mg/L
Al†	63319.6	105.07	0.17%	[10]	mg/L
As†	25688.7	296.11	1.15%	[10]	mg/L
B_†	153196.0	483.31	0.32%	[5.02]	mg/L
Ba†	731224.2	1201.42	0.16%	[10]	mg/L
Be†	10582507.1	9270.58	0.09%	[4.01]	mg/L
Ca†	2157209.1	24967.86	1.16%	[100]	mg/L
Cd†	150986.3	1173.86	0.78%	[5.01]	mg/L
Co†	295054.5	975.96	0.33%	[10]	mg/L
Cr†	679683.5	3196.30	0.47%	[9.97]	mg/L
Cu†	4152296.2	18796.15	0.45%	[10]	mg/L
Fe†	113743.1	114.62	0.10%	[9.98]	mg/L
K†	148413.8	43.19	0.03%	[100]	mg/L
Mg†	1946409.3	6245.99	0.32%	[100]	mg/L
Mn†	5197042.0	8836.75	0.17%	[10]	mg/L
Mo†	157843.2	948.71	0.60%	[9.98]	mg/L
Na†	292579.5	922.04	0.32%	[100]	mg/L
Ni†	217568.7	673.48	0.31%	[10]	mg/L
Pb†	47241.6	329.88	0.70%	[10]	mg/L
Sb†	25085.3	385.97	1.54%	[10]	mg/L
Se†	17112.4	254.79	1.49%	[10]	mg/L
Tl†	31694.3	151.60	0.48%	[10]	mg/L
V†	1530304.5	3466.32	0.23%	[10]	mg/L
Zn†	508272.5	951.47	0.19%	[10]	mg/L
Alx†	915966.2	7911.44	0.86%	[10000]	ug/L
Bex†	10582507.1	9270.58	0.09%	[4010]	ug/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag	1	Lin, Calc Int	0.0	266900	0.00000	1.000000	
Al	1	Lin, Calc Int	-0.0	6332	0.00000	1.000000	
As	1	Lin, Calc Int	0.0	2569	0.00000	1.000000	
B_	1	Lin, Calc Int	0.0	30520	0.00000	1.000000	
Ba	1	Lin, Calc Int	0.0	73120	0.00000	1.000000	
Be	1	Lin, Calc Int	0.0	2639000	0.00000	1.000000	
Ca	1	Lin, Calc Int	0.0	21570	0.00000	1.000000	
Cd	1	Lin, Calc Int	0.0	30140	0.00000	1.000000	
Co	1	Lin, Calc Int	0.0	29510	0.00000	1.000000	
Cr	1	Lin, Calc Int	-0.0	68170	0.00000	1.000000	
Cu	1	Lin, Calc Int	0.0	415200	0.00000	1.000000	
Fe	1	Lin, Calc Int	0.0	11400	0.00000	1.000000	
K	1	Lin, Calc Int	0.0	1484	0.00000	1.000000	
Mg	1	Lin, Calc Int	0.0	19460	0.00000	1.000000	
Mn	1	Lin, Calc Int	0.0	519700	0.00000	1.000000	
Mo	1	Lin, Calc Int	0.0	15820	0.00000	1.000000	
Na	1	Lin, Calc Int	0.0	2926	0.00000	1.000000	
Ni	1	Lin, Calc Int	0.0	21760	0.00000	1.000000	
Pb	1	Lin, Calc Int	0.0	4724	0.00000	1.000000	
Sb	1	Lin, Calc Int	0.0	2509	0.00000	1.000000	
Se	1	Lin, Calc Int	0.0	1711	0.00000	1.000000	

Tl	1	Lin, Calc Int	0.0	3169	0.00000	1.000000
V	1	Lin, Calc Int	0.0	153000	0.00000	1.000000
Zn	1	Lin, Calc Int	0.0	50830	0.00000	1.000000
Alx	1	Lin, Calc Int	0.0	91.60	0.00000	1.000000
Bex	1	Lin, Calc Int	0.0	2639	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 3/30/2006 07:47:54
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICV

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc. Units	Std.Dev.	Sample Conc. Units	Std.Dev.	RSD
Sca	397289.9	91.2 %	0.45			0.49%
Yr	401048.3	91.9 %	0.43			0.47%
Ag†	533708.0	2.00 mg/L	0.004	2.00 mg/L	0.004	0.22%
QC value within limits for Ag		Recovery = 99.97%				
Al†	63262.0	9.99 mg/L	0.008	9.99 mg/L	0.008	0.08%
QC value within limits for Al		Recovery = 99.91%				
As†	25532.7	9.94 mg/L	0.049	9.94 mg/L	0.049	0.50%
QC value within limits for As		Recovery = 99.39%				
B_†	153654.0	5.04 mg/L	0.011	5.04 mg/L	0.011	0.22%
QC value within limits for B_		Recovery = 100.70%				
Ba†	729028.5	9.97 mg/L	0.022	9.97 mg/L	0.022	0.22%
QC value within limits for Ba		Recovery = 99.70%				
Be†	10407467.6	3.94 mg/L	0.004	3.94 mg/L	0.004	0.09%
QC value within limits for Be		Recovery = 98.59%				
Ca†	2153602.0	99.8 mg/L	0.73	99.8 mg/L	0.73	0.73%
QC value within limits for Ca		Recovery = 99.83%				
Cd†	150108.3	4.98 mg/L	0.048	4.98 mg/L	0.048	0.96%
QC value within limits for Cd		Recovery = 99.62%				
Co†	293828.1	9.96 mg/L	0.011	9.96 mg/L	0.011	0.11%
QC value within limits for Co		Recovery = 99.58%				
Cr†	678787.4	9.96 mg/L	0.002	9.96 mg/L	0.002	0.03%
QC value within limits for Cr		Recovery = 99.57%				
Cu†	4142720.3	9.98 mg/L	0.057	9.98 mg/L	0.057	0.57%
QC value within limits for Cu		Recovery = 99.77%				
Fe†	113549.0	9.96 mg/L	0.020	9.96 mg/L	0.020	0.20%
QC value within limits for Fe		Recovery = 99.63%				
K†	148515.8	100 mg/L	0.2	100 mg/L	0.2	0.18%
QC value within limits for K		Recovery = 100.07%				
Mg†	1944476.6	99.9 mg/L	0.60	99.9 mg/L	0.60	0.60%
QC value within limits for Mg		Recovery = 99.90%				
Mn†	5181908.5	9.97 mg/L	0.019	9.97 mg/L	0.019	0.19%
QC value within limits for Mn		Recovery = 99.71%				
Mo†	156958.0	9.92 mg/L	0.082	9.92 mg/L	0.082	0.82%
QC value within limits for Mo		Recovery = 99.24%				
Na†	292082.9	99.8 mg/L	0.30	99.8 mg/L	0.30	0.30%
QC value within limits for Na		Recovery = 99.83%				
Ni†	216902.3	9.97 mg/L	0.006	9.97 mg/L	0.006	0.06%
QC value within limits for Ni		Recovery = 99.69%				
Pb†	46835.5	9.91 mg/L	0.065	9.91 mg/L	0.065	0.65%
QC value within limits for Pb		Recovery = 99.14%				
Sb†	25014.2	9.77 mg/L	0.092	9.77 mg/L	0.092	0.95%
QC value within limits for Sb		Recovery = 97.68%				
Se†	16942.0	9.90 mg/L	0.097	9.90 mg/L	0.097	0.98%
QC value within limits for Se		Recovery = 99.00%				
Tl†	31672.9	9.99 mg/L	0.089	9.99 mg/L	0.089	0.89%
QC value within limits for Tl		Recovery = 99.93%				
V†	1530687.0	10.0 mg/L	0.01	10.0 mg/L	0.01	0.06%
QC value within limits for V		Recovery = 100.02%				
Zn†	506599.1	9.90 mg/L	0.022	9.90 mg/L	0.022	0.22%
QC value within limits for Zn		Recovery = 99.01%				
Alx†	914159.1	9980 ug/L	74.2	9.98 mg/L	0.074	0.74%
QC value within limits for Alx		Recovery = 99.80%				
Bex†	10407467.6	3940 ug/L	3.6	3.94 mg/L	0.004	0.09%
QC value within limits for Bex		Recovery = 98.59%				

All analyte(s) passed QC.

Sequence No.: 4
Sample ID: Linearity Check
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 3/30/2006 07:51:15
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Linearity Check

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: Linearity Check

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	369990.9	85.0	%	0.84				0.99%
Yr	378311.7	86.7	%	0.62				0.72%
Ag†	-10076.2	-0.0377	mg/L	0.00016	-0.0377	mg/L	0.00016	0.42%
QC value within limits for Ag		Recovery = Not calculated						
Al†	-75.1	-0.0119	mg/L	0.00335	-0.0119	mg/L	0.00335	28.23%
QC value within limits for Al		Recovery = Not calculated						
As†	-258.6	-0.101	mg/L	0.0028	-0.101	mg/L	0.0028	2.83%
QC value within limits for As		Recovery = Not calculated						
B_†	1172.0	0.0384	mg/L	0.00345	0.0384	mg/L	0.00345	8.99%
QC value within limits for B_		Recovery = Not calculated						
Ba†	118.4	0.00162	mg/L	0.000122	0.00162	mg/L	0.000122	7.53%
QC value within limits for Ba		Recovery = Not calculated						
Be†	-1210.3	-0.00046	mg/L	0.000030	-0.00046	mg/L	0.000030	6.49%
QC value within limits for Be		Recovery = Not calculated						
Ca†	6373379.5	295	mg/L	3.8	295	mg/L	3.8	1.29%
QC value within limits for Ca		Recovery = 98.48%						
Cd†	-49.8	-0.00165	mg/L	0.000119	-0.00165	mg/L	0.000119	7.22%
QC value within limits for Cd		Recovery = Not calculated						
Co†	87.6	0.00297	mg/L	0.000185	0.00297	mg/L	0.000185	6.22%
QC value within limits for Co		Recovery = Not calculated						
Cr†	-103.1	-0.00151	mg/L	0.000192	-0.00151	mg/L	0.000192	12.66%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	-3799.6	-0.00915	mg/L	0.000037	-0.00915	mg/L	0.000037	0.41%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	1131550.0	99.3	mg/L	1.44	99.3	mg/L	1.44	1.45%
QC value within limits for Fe		Recovery = 99.28%						
K†	471198.5	317	mg/L	4.6	317	mg/L	4.6	1.46%
QC value within limits for K		Recovery = 105.83%						
Mg†	3773958.7	194	mg/L	3.0	194	mg/L	3.0	1.54%
QC value within limits for Mg		Recovery = Not calculated						
Mn†	1653.8	0.00318	mg/L	0.000059	0.00318	mg/L	0.000059	1.86%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	46.9	0.00297	mg/L	0.001131	0.00297	mg/L	0.001131	38.10%
QC value within limits for Mo		Recovery = Not calculated						
Na†	903658.0	309	mg/L	6.4	309	mg/L	6.4	2.09%
QC value within limits for Na		Recovery = 102.95%						
Ni†	-38.8	-0.00178	mg/L	0.000226	-0.00178	mg/L	0.000226	12.65%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	-15.5	-0.00328	mg/L	0.001382	-0.00328	mg/L	0.001382	42.18%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	46.9	0.0187	mg/L	0.00127	0.0187	mg/L	0.00127	6.75%
QC value within limits for Sb		Recovery = Not calculated						
Se†	-374.5	-0.219	mg/L	0.0048	-0.219	mg/L	0.0048	2.21%
QC value within limits for Se		Recovery = Not calculated						
Tl†	182.8	0.0577	mg/L	0.00084	0.0577	mg/L	0.00084	1.45%
QC value within limits for Tl		Recovery = Not calculated						
V†	-426.8	-0.00279	mg/L	0.000104	-0.00279	mg/L	0.000104	3.74%
QC value within limits for V		Recovery = Not calculated						
Zn†	931.4	0.0183	mg/L	0.00030	0.0183	mg/L	0.00030	1.66%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	123.8	1.35	ug/L	0.197	0.00135	mg/L	0.000197	14.55%
QC value within limits for Alx		Recovery = Not calculated						
Bex†	-1210.3	-0.459	ug/L	0.0298	-0.00046	mg/L	0.000030	6.49%
QC value within limits for Bex		Recovery = Not calculated						

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 3/30/2006 07:55:03
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICSA

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	384876.1	88.4	%	0.82				0.92%
Yr	399713.2	91.6	%	1.47				1.61%
Ag†	-10316.6	-0.0386	mg/L	0.00080	-0.0386	mg/L	0.00080	2.06%
QC value within limits for Ag		Recovery = Not calculated						
Al†	1560727.3	246	mg/L	1.4	246	mg/L	1.4	0.55%
QC value within limits for Al		Recovery = 98.59%						
As†	-540.9	-0.211	mg/L	0.0084	-0.211	mg/L	0.0084	3.99%
QC value within limits for As		Recovery = Not calculated						
B_†	412.3	0.0135	mg/L	0.00021	0.0135	mg/L	0.00021	1.52%
QC value within limits for B_		Recovery = Not calculated						
Ba†	153.8	0.00210	mg/L	0.000144	0.00210	mg/L	0.000144	6.84%
QC value within limits for Ba		Recovery = Not calculated						
Be†	-974.4	-0.00037	mg/L	0.000026	-0.00037	mg/L	0.000026	7.15%
QC value within limits for Be		Recovery = Not calculated						
Ca†	5237443.6	243	mg/L	1.7	243	mg/L	1.7	0.69%
QC value within limits for Ca		Recovery = 97.12%						
Cd†	-66.5	-0.00221	mg/L	0.000243	-0.00221	mg/L	0.000243	11.01%
QC value within limits for Cd		Recovery = Not calculated						
Co†	65.9	0.00223	mg/L	0.000067	0.00223	mg/L	0.000067	2.99%
QC value within limits for Co		Recovery = Not calculated						
Cr†	-127.1	-0.00186	mg/L	0.000175	-0.00186	mg/L	0.000175	9.39%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	-4049.7	-0.00975	mg/L	0.000065	-0.00975	mg/L	0.000065	0.67%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	1120688.6	98.3	mg/L	0.45	98.3	mg/L	0.45	0.46%
QC value within limits for Fe		Recovery = 98.33%						
K†	471.4	0.318	mg/L	0.0120	0.318	mg/L	0.0120	3.79%
QC value within limits for K		Recovery = Not calculated						
Mg†	4639400.8	238	mg/L	1.6	238	mg/L	1.6	0.69%
QC value within limits for Mg		Recovery = 95.34%						
Mn†	1675.9	0.00322	mg/L	0.000020	0.00322	mg/L	0.000020	0.61%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	23.5	0.00148	mg/L	0.000403	0.00148	mg/L	0.000403	27.14%
QC value within limits for Mo		Recovery = Not calculated						
Na†	329.7	0.113	mg/L	0.0010	0.113	mg/L	0.0010	0.88%
QC value within limits for Na		Recovery = Not calculated						
Ni†	-38.9	-0.00179	mg/L	0.000077	-0.00179	mg/L	0.000077	4.28%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	-180.9	-0.0383	mg/L	0.00156	-0.0383	mg/L	0.00156	4.07%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	25.7	0.0103	mg/L	0.00156	0.0103	mg/L	0.00156	15.16%
QC value within limits for Sb		Recovery = Not calculated						
Se†	-392.3	-0.229	mg/L	0.0008	-0.229	mg/L	0.0008	0.34%
QC value within limits for Se		Recovery = Not calculated						
Tl†	150.0	0.0473	mg/L	0.00566	0.0473	mg/L	0.00566	11.95%
QC value within limits for Tl		Recovery = Not calculated						
V†	-298.0	-0.00195	mg/L	0.000018	-0.00195	mg/L	0.000018	0.93%
QC value within limits for V		Recovery = Not calculated						
Zn†	918.9	0.0181	mg/L	0.00005	0.0181	mg/L	0.00005	0.27%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	Saturated2							
Unable to evaluate QC.								
Bex†	-974.4	-0.369	ug/L	0.0264	-0.00037	mg/L	0.000026	7.15%
QC value within limits for Bex		Recovery = Not calculated						

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 3/30/2006 07:58:50
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	385797.7	88.6	%	0.25				0.29%
Yr	401052.5	91.9	%	0.52				0.56%
Ag†	127849.8	0.479	mg/L	0.0010	0.479	mg/L	0.0010	0.21%
QC value within limits for Ag		Recovery = 95.79%						
Al†	1529558.3	242	mg/L	5.5	242	mg/L	5.5	2.26%
QC value within limits for Al		Recovery = 96.62%						
As†	-540.0	-0.210	mg/L	0.0011	-0.210	mg/L	0.0011	0.50%
QC value less than the lower limit for As		Recovery = Not calculated						
B_†	264.1	0.00866	mg/L	0.000392	0.00866	mg/L	0.000392	4.53%
QC value within limits for B_		Recovery = Not calculated						
Ba†	18509.9	0.253	mg/L	0.0007	0.253	mg/L	0.0007	0.26%
QC value within limits for Ba		Recovery = 101.25%						
Be†	651509.6	0.247	mg/L	0.0009	0.247	mg/L	0.0009	0.37%
QC value within limits for Be		Recovery = 98.75%						
Ca†	5149284.7	239	mg/L	6.4	239	mg/L	6.4	2.70%
QC value within limits for Ca		Recovery = 95.48%						
Cd†	14209.1	0.471	mg/L	0.0019	0.471	mg/L	0.0019	0.40%
QC value within limits for Cd		Recovery = 94.30%						
Co†	6861.1	0.233	mg/L	0.0004	0.233	mg/L	0.0004	0.18%
QC value within limits for Co		Recovery = 93.01%						
Cr†	16417.0	0.241	mg/L	0.0016	0.241	mg/L	0.0016	0.67%
QC value within limits for Cr		Recovery = 96.33%						
Cu†	102266.2	0.246	mg/L	0.0000	0.246	mg/L	0.0000	0.01%
QC value within limits for Cu		Recovery = 98.52%						
Fe†	1094377.9	96.0	mg/L	2.33	96.0	mg/L	2.33	2.42%
QC value within limits for Fe		Recovery = 96.02%						
K†	247.5	0.167	mg/L	0.0222	0.167	mg/L	0.0222	13.33%
QC value within limits for K		Recovery = Not calculated						
Mg†	4584102.2	236	mg/L	5.6	236	mg/L	5.6	2.38%
QC value within limits for Mg		Recovery = 94.21%						
Mn†	130590.9	0.251	mg/L	0.0009	0.251	mg/L	0.0009	0.35%
QC value within limits for Mn		Recovery = 100.51%						
Mo†	27.7	0.00175	mg/L	0.000220	0.00175	mg/L	0.000220	12.57%
QC value within limits for Mo		Recovery = Not calculated						
Na†	294.2	0.101	mg/L	0.0062	0.101	mg/L	0.0062	6.16%
QC value within limits for Na		Recovery = Not calculated						
Ni†	9982.8	0.459	mg/L	0.0025	0.459	mg/L	0.0025	0.55%
QC value within limits for Ni		Recovery = 91.77%						
Pb†	2069.6	0.438	mg/L	0.0013	0.438	mg/L	0.0013	0.29%
QC value within limits for Pb		Recovery = 87.62%						
Sb†	58.0	0.0182	mg/L	0.00077	0.0182	mg/L	0.00077	4.21%
QC value within limits for Sb		Recovery = Not calculated						
Se†	-380.0	-0.222	mg/L	0.0034	-0.222	mg/L	0.0034	1.52%
QC value less than the lower limit for Se		Recovery = Not calculated						
Tl†	164.1	0.0518	mg/L	0.00049	0.0518	mg/L	0.00049	0.94%
QC value greater than the upper limit for Tl		Recovery = Not calculated						
V†	36387.3	0.238	mg/L	0.0005	0.238	mg/L	0.0005	0.21%
QC value within limits for V		Recovery = 95.11%						
Zn†	26425.6	0.517	mg/L	0.0019	0.517	mg/L	0.0019	0.37%
QC value within limits for Zn		Recovery = 103.38%						
Alx†	Saturated2							
Unable to evaluate QC.								
Bex†	651509.6	247	ug/L	0.9	0.247	mg/L	0.0009	0.37%
QC value within limits for Bex		Recovery = 98.75%						

QC Failed. Continue with analysis.

Sequence No.: 7
Sample ID: Wash
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:02:38
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Wash

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: Wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	434038.6	99.7	%	0.23				0.23%
Yr	431079.7	98.8	%	0.04				0.04%
Ag†	109.3	0.00041	mg/L	0.000064	0.00041	mg/L	0.000064	15.65%
QC value within limits for Ag	Recovery = Not calculated							
Al†	15.0	0.00237	mg/L	0.000166	0.00237	mg/L	0.000166	7.03%
QC value within limits for Al	Recovery = Not calculated							
As†	2.2	0.00088	mg/L	0.000758	0.00088	mg/L	0.000758	86.61%
QC value within limits for As	Recovery = Not calculated							
B_†	319.3	0.0105	mg/L	0.00038	0.0105	mg/L	0.00038	3.66%
QC value within limits for B_	Recovery = Not calculated							
Ba†	13.4	0.00018	mg/L	0.000063	0.00018	mg/L	0.000063	34.48%
QC value within limits for Ba	Recovery = Not calculated							
Be†	267.2	0.00010	mg/L	0.000030	0.00010	mg/L	0.000030	29.27%
QC value within limits for Be	Recovery = Not calculated							
Ca†	180.3	0.00836	mg/L	0.000837	0.00836	mg/L	0.000837	10.02%
QC value within limits for Ca	Recovery = Not calculated							
Cd†	-1.1	-0.00004	mg/L	0.000003	-0.00004	mg/L	0.000003	6.87%
QC value within limits for Cd	Recovery = Not calculated							
Co†	0.1	0.00000	mg/L	0.000333	0.00000	mg/L	0.000333	>999.9%
QC value within limits for Co	Recovery = Not calculated							
Cr†	11.1	0.00016	mg/L	0.000104	0.00016	mg/L	0.000104	63.44%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	117.7	0.00028	mg/L	0.000205	0.00028	mg/L	0.000205	72.26%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	24.5	0.00215	mg/L	0.000014	0.00215	mg/L	0.000014	0.63%
QC value within limits for Fe	Recovery = Not calculated							
K†	57.9	0.0390	mg/L	0.00129	0.0390	mg/L	0.00129	3.30%
QC value within limits for K	Recovery = Not calculated							
Mg†	133.7	0.00687	mg/L	0.000054	0.00687	mg/L	0.000054	0.78%
QC value within limits for Mg	Recovery = Not calculated							
Mn†	94.7	0.00018	mg/L	0.000015	0.00018	mg/L	0.000015	8.07%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	9.8	0.00062	mg/L	0.000040	0.00062	mg/L	0.000040	6.46%
QC value within limits for Mo	Recovery = Not calculated							
Na†	51.0	0.0174	mg/L	0.01466	0.0174	mg/L	0.01466	84.16%
QC value within limits for Na	Recovery = Not calculated							
Ni†	6.4	0.00029	mg/L	0.000133	0.00029	mg/L	0.000133	45.19%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	15.4	0.00327	mg/L	0.000190	0.00327	mg/L	0.000190	5.83%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	3.9	0.00154	mg/L	0.001174	0.00154	mg/L	0.001174	76.05%
QC value within limits for Sb	Recovery = Not calculated							
Se†	2.6	0.00154	mg/L	0.003341	0.00154	mg/L	0.003341	216.62%
QC value within limits for Se	Recovery = Not calculated							
Tl†	9.6	0.00302	mg/L	0.001532	0.00302	mg/L	0.001532	50.76%
QC value within limits for Tl	Recovery = Not calculated							
V†	-33.6	-0.00022	mg/L	0.000248	-0.00022	mg/L	0.000248	112.93%
QC value within limits for V	Recovery = Not calculated							
Zn†	39.9	0.00078	mg/L	0.000174	0.00078	mg/L	0.000174	22.27%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	198.3	2.16	ug/L	0.083	0.00216	mg/L	0.000083	3.83%
QC value within limits for Alx	Recovery = Not calculated							
Bex†	267.2	0.101	ug/L	0.0296	0.00010	mg/L	0.000030	29.27%
QC value within limits for Bex	Recovery = Not calculated							

All analyte(s) passed QC.

Sequence No.: 8
Sample ID: QC-25 1ppm
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 3/30/2006 08:06:04
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: QC-25 1ppm

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: QC-25 1ppm

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	437875.4	101	%	0.7				0.68%
Yr	419384.7	96.1	%	1.29				1.34%
Ag†	263472.7	0.987	mg/L	0.0064	0.987	mg/L	0.0064	0.64%
QC value within limits for Ag		Recovery = 98.70%						
Al†	6462.8	1.02	mg/L	0.001	1.02	mg/L	0.001	0.14%
QC value within limits for Al		Recovery = 102.07%						
As†	2481.2	0.966	mg/L	0.0060	0.966	mg/L	0.0060	0.62%
QC value within limits for As		Recovery = 96.59%						
B_†	28229.0	0.925	mg/L	0.0022	0.925	mg/L	0.0022	0.23%
QC value within limits for B_		Recovery = 92.50%						
Ba†	77108.9	1.05	mg/L	0.009	1.05	mg/L	0.009	0.81%
QC value within limits for Ba		Recovery = 105.45%						
Be†	2493806.5	0.945	mg/L	0.0020	0.945	mg/L	0.0020	0.22%
QC value within limits for Be		Recovery = 94.50%						
Ca†	22606.3	1.05	mg/L	0.007	1.05	mg/L	0.007	0.64%
QC value within limits for Ca		Recovery = 104.79%						
Cd†	29066.0	0.964	mg/L	0.0074	0.964	mg/L	0.0074	0.77%
QC value within limits for Cd		Recovery = 96.45%						
Co†	30929.6	1.05	mg/L	0.009	1.05	mg/L	0.009	0.86%
QC value within limits for Co		Recovery = 104.83%						
Cr†	69014.7	1.01	mg/L	0.006	1.01	mg/L	0.006	0.60%
QC value within limits for Cr		Recovery = 101.23%						
Cu†	406610.0	0.979	mg/L	0.0010	0.979	mg/L	0.0010	0.10%
QC value within limits for Cu		Recovery = 97.92%						
Fe†	11691.6	1.03	mg/L	0.007	1.03	mg/L	0.007	0.66%
QC value within limits for Fe		Recovery = 102.58%						
K†	14412.9	9.71	mg/L	0.005	9.71	mg/L	0.005	0.05%
QC value within limits for K		Recovery = 97.11%						
Mg†	20531.3	1.05	mg/L	0.010	1.05	mg/L	0.010	0.93%
QC value within limits for Mg		Recovery = 105.48%						
Mn†	541510.6	1.04	mg/L	0.000	1.04	mg/L	0.000	0.05%
QC value within limits for Mn		Recovery = 104.20%						
Mo†	15318.3	0.969	mg/L	0.0083	0.969	mg/L	0.0083	0.85%
QC value within limits for Mo		Recovery = 96.85%						
Na†	3089.6	1.06	mg/L	0.009	1.06	mg/L	0.009	0.87%
QC value within limits for Na		Recovery = 105.60%						
Ni†	23213.3	1.07	mg/L	0.009	1.07	mg/L	0.009	0.84%
QC value within limits for Ni		Recovery = 106.69%						
Pb†	5016.4	1.06	mg/L	0.006	1.06	mg/L	0.006	0.60%
QC value within limits for Pb		Recovery = 106.19%						
Sb†	2448.0	0.955	mg/L	0.0089	0.955	mg/L	0.0089	0.93%
QC value within limits for Sb		Recovery = 95.51%						
Se†	1575.9	0.921	mg/L	0.0059	0.921	mg/L	0.0059	0.64%
QC value within limits for Se		Recovery = 92.09%						
Tl†	3356.5	1.06	mg/L	0.007	1.06	mg/L	0.007	0.63%
QC value within limits for Tl		Recovery = 105.90%						
V†	150648.1	0.984	mg/L	0.0065	0.984	mg/L	0.0065	0.66%
QC value within limits for V		Recovery = 98.44%						
Zn†	51872.8	1.01	mg/L	0.007	1.01	mg/L	0.007	0.68%
QC value within limits for Zn		Recovery = 101.35%						
Alx†	86686.1	946	ug/L	3.5	0.946	mg/L	0.0035	0.37%
QC value within limits for Alx		Recovery = 94.64%						
Bex†	2493806.5	945	ug/L	2.0	0.945	mg/L	0.0020	0.22%
QC value within limits for Bex		Recovery = 94.50%						

All analyte(s) passed QC.

Sequence No.: 9
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/30/2006 08:09:57
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	408992.3	93.9	%	0.25				0.26%
Yr	411957.9	94.4	%	1.15				1.22%
Ag†	270469.0	1.01	mg/L	0.004	1.01	mg/L	0.004	0.41%
QC value within limits for Ag		Recovery = 101.32%						
Al†	32042.7	5.06	mg/L	0.012	5.06	mg/L	0.012	0.24%
QC value within limits for Al		Recovery = 101.21%						
As†	12495.0	4.86	mg/L	0.041	4.86	mg/L	0.041	0.85%
QC value within limits for As		Recovery = 97.28%						
B_†	75881.9	2.49	mg/L	0.012	2.49	mg/L	0.012	0.50%
QC value within limits for B_		Recovery = 99.46%						
Ba†	373221.4	5.10	mg/L	0.017	5.10	mg/L	0.017	0.33%
QC value within limits for Ba		Recovery = 102.08%						
Be†	5334802.3	2.02	mg/L	0.016	2.02	mg/L	0.016	0.81%
QC value within limits for Be		Recovery = 101.08%						
Ca†	1066033.8	49.4	mg/L	1.32	49.4	mg/L	1.32	2.68%
QC value within limits for Ca		Recovery = 98.83%						
Cd†	75840.3	2.52	mg/L	0.000	2.52	mg/L	0.000	0.01%
QC value within limits for Cd		Recovery = 100.66%						
Co†	149141.0	5.05	mg/L	0.018	5.05	mg/L	0.018	0.36%
QC value within limits for Co		Recovery = 101.09%						
Cr†	341212.8	5.01	mg/L	0.019	5.01	mg/L	0.019	0.38%
QC value within limits for Cr		Recovery = 100.10%						
Cu†	2056961.0	4.95	mg/L	0.054	4.95	mg/L	0.054	1.09%
QC value within limits for Cu		Recovery = 99.08%						
Fe†	57961.1	5.09	mg/L	0.022	5.09	mg/L	0.022	0.44%
QC value within limits for Fe		Recovery = 101.71%						
K†	73356.8	49.4	mg/L	0.08	49.4	mg/L	0.08	0.17%
QC value within limits for K		Recovery = 98.85%						
Mg†	992510.4	51.0	mg/L	1.53	51.0	mg/L	1.53	3.01%
QC value within limits for Mg		Recovery = 101.98%						
Mn†	2660600.1	5.12	mg/L	0.014	5.12	mg/L	0.014	0.28%
QC value within limits for Mn		Recovery = 102.39%						
Mo†	79866.6	5.05	mg/L	0.005	5.05	mg/L	0.005	0.11%
QC value within limits for Mo		Recovery = 100.99%						
Na†	146407.5	50.0	mg/L	0.21	50.0	mg/L	0.21	0.41%
QC value within limits for Na		Recovery = 100.08%						
Ni†	111952.0	5.15	mg/L	0.023	5.15	mg/L	0.023	0.44%
QC value within limits for Ni		Recovery = 102.91%						
Pb†	24127.6	5.11	mg/L	0.030	5.11	mg/L	0.030	0.58%
QC value within limits for Pb		Recovery = 102.15%						
Sb†	12557.9	4.90	mg/L	0.034	4.90	mg/L	0.034	0.69%
QC value within limits for Sb		Recovery = 98.07%						
Se†	8453.3	4.94	mg/L	0.043	4.94	mg/L	0.043	0.88%
QC value within limits for Se		Recovery = 98.80%						
Tl†	16474.3	5.20	mg/L	0.033	5.20	mg/L	0.033	0.63%
QC value within limits for Tl		Recovery = 103.96%						
V†	770515.5	5.04	mg/L	0.004	5.04	mg/L	0.004	0.09%
QC value within limits for V		Recovery = 100.70%						
Zn†	261189.0	5.10	mg/L	0.005	5.10	mg/L	0.005	0.10%
QC value within limits for Zn		Recovery = 102.10%						
Alx†	454922.8	4970	ug/L	22.2	4.97	mg/L	0.022	0.45%
QC value within limits for Alx		Recovery = 99.33%						
Bex†	5334802.3	2020	ug/L	16.4	2.02	mg/L	0.016	0.81%
QC value within limits for Bex		Recovery = 101.08%						

All analyte(s) passed QC.

Sequence No.: 10
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:13:18
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICB

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	437296.5	100	%	0.9				0.88%
Yr	427341.8	97.9	%	0.03				0.03%
Ag†	77.0	0.00029	mg/L	0.000032	0.00029	mg/L	0.000032	11.23%
QC value within limits for Ag		Recovery = Not calculated						
Al†	1.9	0.00030	mg/L	0.000954	0.00030	mg/L	0.000954	321.19%
QC value within limits for Al		Recovery = Not calculated						
As†	21.0	0.00819	mg/L	0.002304	0.00819	mg/L	0.002304	28.12%
QC value within limits for As		Recovery = Not calculated						
B_†	649.3	0.0213	mg/L	0.00085	0.0213	mg/L	0.00085	4.01%
QC value greater than the upper limit for B_		Recovery = Not calculated						
Ba†	11.1	0.00015	mg/L	0.000032	0.00015	mg/L	0.000032	21.32%
QC value within limits for Ba		Recovery = Not calculated						
Be†	343.3	0.00013	mg/L	0.000026	0.00013	mg/L	0.000026	20.34%
QC value within limits for Be		Recovery = Not calculated						
Ca†	943.8	0.0437	mg/L	0.05005	0.0437	mg/L	0.05005	114.40%
QC value within limits for Ca		Recovery = Not calculated						
Cd†	2.9	0.00010	mg/L	0.000256	0.00010	mg/L	0.000256	266.68%
QC value within limits for Cd		Recovery = Not calculated						
Co†	4.1	0.00014	mg/L	0.000064	0.00014	mg/L	0.000064	46.06%
QC value within limits for Co		Recovery = Not calculated						
Cr†	-1.7	-0.00003	mg/L	0.000153	-0.00003	mg/L	0.000153	600.34%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	22.9	0.00006	mg/L	0.000030	0.00006	mg/L	0.000030	54.48%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	10.4	0.00092	mg/L	0.000061	0.00092	mg/L	0.000061	6.64%
QC value within limits for Fe		Recovery = Not calculated						
K†	62.8	0.0423	mg/L	0.01128	0.0423	mg/L	0.01128	26.66%
QC value within limits for K		Recovery = Not calculated						
Mg†	102.4	0.00526	mg/L	0.000269	0.00526	mg/L	0.000269	5.11%
QC value within limits for Mg		Recovery = Not calculated						
Mn†	56.7	0.00011	mg/L	0.000015	0.00011	mg/L	0.000015	13.38%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	37.2	0.00235	mg/L	0.000107	0.00235	mg/L	0.000107	4.54%
QC value within limits for Mo		Recovery = Not calculated						
Na†	80.7	0.0276	mg/L	0.00075	0.0276	mg/L	0.00075	2.71%
QC value within limits for Na		Recovery = Not calculated						
Ni†	3.6	0.00016	mg/L	0.000069	0.00016	mg/L	0.000069	41.93%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	8.7	0.00184	mg/L	0.001113	0.00184	mg/L	0.001113	60.57%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	1.3	0.00052	mg/L	0.001804	0.00052	mg/L	0.001804	349.47%
QC value within limits for Sb		Recovery = Not calculated						
Se†	6.0	0.00348	mg/L	0.002211	0.00348	mg/L	0.002211	63.52%
QC value within limits for Se		Recovery = Not calculated						
Tl†	18.3	0.00577	mg/L	0.000561	0.00577	mg/L	0.000561	9.72%
QC value within limits for Tl		Recovery = Not calculated						
V†	-12.3	-0.00008	mg/L	0.000100	-0.00008	mg/L	0.000100	124.52%
QC value within limits for V		Recovery = Not calculated						
Zn†	52.3	0.00103	mg/L	0.000091	0.00103	mg/L	0.000091	8.86%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	45.3	0.495	ug/L	0.1508	0.00049	mg/L	0.000151	30.48%
QC value within limits for Alx		Recovery = Not calculated						
Bex†	343.3	0.130	ug/L	0.0265	0.00013	mg/L	0.000026	20.34%
QC value within limits for Bex		Recovery = Not calculated						

QC Failed. Retry.

Sequence No.: 11
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:15:53
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICB

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	434995.3	99.9	%	1.09				1.09%
Yr	421367.8	96.6	%	0.58				0.60%
Ag†	8.7	0.00003	mg/L	0.000190	0.00003	mg/L	0.000190	581.20%
QC value within limits for Ag		Recovery = Not calculated						
Al†	9.7	0.00153	mg/L	0.000654	0.00153	mg/L	0.000654	42.71%
QC value within limits for Al		Recovery = Not calculated						
As†	18.5	0.00719	mg/L	0.002222	0.00719	mg/L	0.002222	30.89%
QC value within limits for As		Recovery = Not calculated						
B_†	455.7	0.0149	mg/L	0.00025	0.0149	mg/L	0.00025	1.69%
QC value within limits for B_		Recovery = Not calculated						
Ba†	51.3	0.00070	mg/L	0.000625	0.00070	mg/L	0.000625	89.11%
QC value within limits for Ba		Recovery = Not calculated						
Be†	309.5	0.00012	mg/L	0.000030	0.00012	mg/L	0.000030	25.16%
QC value within limits for Be		Recovery = Not calculated						
Ca†	206.1	0.00956	mg/L	0.002347	0.00956	mg/L	0.002347	24.56%
QC value within limits for Ca		Recovery = Not calculated						
Cd†	2.8	0.00009	mg/L	0.000086	0.00009	mg/L	0.000086	92.54%
QC value within limits for Cd		Recovery = Not calculated						
Co†	3.3	0.00011	mg/L	0.000137	0.00011	mg/L	0.000137	122.74%
QC value within limits for Co		Recovery = Not calculated						
Cr†	-14.7	-0.00022	mg/L	0.000007	-0.00022	mg/L	0.000007	3.27%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	75.3	0.00018	mg/L	0.000029	0.00018	mg/L	0.000029	16.22%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	4.1	0.00036	mg/L	0.000069	0.00036	mg/L	0.000069	18.95%
QC value within limits for Fe		Recovery = Not calculated						
K†	33.2	0.0224	mg/L	0.05815	0.0224	mg/L	0.05815	260.15%
QC value within limits for K		Recovery = Not calculated						
Mg†	91.6	0.00470	mg/L	0.000358	0.00470	mg/L	0.000358	7.61%
QC value within limits for Mg		Recovery = Not calculated						
Mn†	50.1	0.00010	mg/L	0.000003	0.00010	mg/L	0.000003	2.77%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	11.5	0.00073	mg/L	0.000180	0.00073	mg/L	0.000180	24.77%
QC value within limits for Mo		Recovery = Not calculated						
Na†	35.7	0.0122	mg/L	0.01338	0.0122	mg/L	0.01338	109.64%
QC value within limits for Na		Recovery = Not calculated						
Ni†	4.2	0.00019	mg/L	0.000142	0.00019	mg/L	0.000142	73.21%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	12.8	0.00271	mg/L	0.001026	0.00271	mg/L	0.001026	37.87%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	3.4	0.00134	mg/L	0.001277	0.00134	mg/L	0.001277	95.03%
QC value within limits for Sb		Recovery = Not calculated						
Se†	6.2	0.00364	mg/L	0.001353	0.00364	mg/L	0.001353	37.17%
QC value within limits for Se		Recovery = Not calculated						
Tl†	7.9	0.00251	mg/L	0.000345	0.00251	mg/L	0.000345	13.75%
QC value within limits for Tl		Recovery = Not calculated						
V†	-10.0	-0.00007	mg/L	0.000217	-0.00007	mg/L	0.000217	329.84%
QC value within limits for V		Recovery = Not calculated						
Zn†	34.0	0.00067	mg/L	0.000037	0.00067	mg/L	0.000037	5.56%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	58.9	0.643	ug/L	0.0271	0.00064	mg/L	0.000027	4.22%
QC value within limits for Alx		Recovery = Not calculated						
Bex†	309.5	0.117	ug/L	0.0295	0.00012	mg/L	0.000030	25.16%

QC value within limits for Bex Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 12
Sample ID: MRL
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 3/30/2006 08:19:22
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MRL

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: MRL

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	434579.3	99.8	%	0.39				0.39%
Yr	421970.8	96.7	%	0.84				0.87%
Ag†	2759.6	0.0103	mg/L	0.00030	0.0103	mg/L	0.00030	2.92%
QC value within limits for Ag		Recovery = 103.38%						
Al†	334.8	0.0529	mg/L	0.00170	0.0529	mg/L	0.00170	3.21%
QC value within limits for Al		Recovery = 105.75%						
As†	240.0	0.0934	mg/L	0.00309	0.0934	mg/L	0.00309	3.30%
QC value within limits for As		Recovery = 93.43%						
B_†	1744.0	0.0571	mg/L	0.00044	0.0571	mg/L	0.00044	0.77%
QC value within limits for B_		Recovery = 114.30%						
Ba†	1485.8	0.0203	mg/L	0.00011	0.0203	mg/L	0.00011	0.53%
QC value within limits for Ba		Recovery = 101.59%						
Be†	2859.2	0.00108	mg/L	0.000021	0.00108	mg/L	0.000021	1.97%
QC value within limits for Be		Recovery = 108.34%						
Ca†	21837.7	1.01	mg/L	0.000	1.01	mg/L	0.000	0.01%
QC value within limits for Ca		Recovery = 101.23%						
Cd†	175.1	0.00581	mg/L	0.000098	0.00581	mg/L	0.000098	1.68%
QC value within limits for Cd		Recovery = 116.17%						
Co†	1483.5	0.0503	mg/L	0.00024	0.0503	mg/L	0.00024	0.48%
QC value within limits for Co		Recovery = 100.56%						
Cr†	656.5	0.00963	mg/L	0.000030	0.00963	mg/L	0.000030	0.31%
QC value within limits for Cr		Recovery = 96.30%						
Cu†	4017.8	0.00968	mg/L	0.000094	0.00968	mg/L	0.000094	0.98%
QC value within limits for Cu		Recovery = 96.76%						
Fe†	236.0	0.0207	mg/L	0.00002	0.0207	mg/L	0.00002	0.11%
QC value within limits for Fe		Recovery = 103.52%						
K†	1466.7	0.988	mg/L	0.0103	0.988	mg/L	0.0103	1.04%
QC value within limits for K		Recovery = 98.83%						
Mg†	2095.9	0.108	mg/L	0.0011	0.108	mg/L	0.0011	1.05%
QC value within limits for Mg		Recovery = 107.68%						
Mn†	1109.2	0.00213	mg/L	0.000044	0.00213	mg/L	0.000044	2.04%
QC value within limits for Mn		Recovery = 106.71%						
Mo†	310.9	0.0197	mg/L	0.00004	0.0197	mg/L	0.00004	0.19%
QC value within limits for Mo		Recovery = 98.29%						
Na†	2884.0	0.986	mg/L	0.0093	0.986	mg/L	0.0093	0.94%
QC value within limits for Na		Recovery = 98.57%						
Ni†	454.0	0.0209	mg/L	0.00043	0.0209	mg/L	0.00043	2.05%
QC value within limits for Ni		Recovery = 104.33%						
Pb†	101.5	0.0215	mg/L	0.00122	0.0215	mg/L	0.00122	5.67%
QC value within limits for Pb		Recovery = 107.38%						
Sb†	111.1	0.0441	mg/L	0.00127	0.0441	mg/L	0.00127	2.89%
QC value within limits for Sb		Recovery = 88.17%						
Se†	163.2	0.0954	mg/L	0.00550	0.0954	mg/L	0.00550	5.77%
QC value within limits for Se		Recovery = 95.36%						
Tl†	354.4	0.112	mg/L	0.0007	0.112	mg/L	0.0007	0.60%
QC value within limits for Tl		Recovery = 111.83%						
V†	276.6	0.00181	mg/L	0.000074	0.00181	mg/L	0.000074	4.12%
QC value within limits for V		Recovery = 90.38%						
Zn†	1084.4	0.0212	mg/L	0.00040	0.0212	mg/L	0.00040	1.88%
QC value within limits for Zn		Recovery = 105.99%						
Alx†	4805.0	52.5	ug/L	0.06	0.0525	mg/L	0.00006	0.12%
QC value within limits for Alx		Recovery = 104.92%						
Bex†	2859.2	1.08	ug/L	0.021	0.00108	mg/L	0.000021	1.97%
QC value within limits for Bex		Recovery = 108.34%						

All analyte(s) passed QC.

Sequence No.: 13
Sample ID: FILTER CHECK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:23:04
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: FILTER CHECK

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: FILTER CHECK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	437576.4	100	%	1.7				1.65%
Yr	433573.5	99.4	%	0.75				0.76%
Ag†	39.3	0.00015	mg/L	0.000324	0.00015	mg/L	0.000324	220.20%
Al†	3.2	0.00050	mg/L	0.000082	0.00050	mg/L	0.000082	16.26%
As†	14.6	0.00568	mg/L	0.000956	0.00568	mg/L	0.000956	16.85%
B_†	290.7	0.00953	mg/L	0.000357	0.00953	mg/L	0.000357	3.75%
Ba†	8.3	0.00011	mg/L	0.000048	0.00011	mg/L	0.000048	42.28%
Be†	282.1	0.00011	mg/L	0.000049	0.00011	mg/L	0.000049	45.68%
Ca†	103.3	0.00479	mg/L	0.001599	0.00479	mg/L	0.001599	33.40%
Cd†	-4.1	-0.00013	mg/L	0.000151	-0.00013	mg/L	0.000151	112.29%
Co†	-0.9	-0.00003	mg/L	0.000068	-0.00003	mg/L	0.000068	224.44%
Cr†	-24.7	-0.00036	mg/L	0.000062	-0.00036	mg/L	0.000062	17.14%
Cu†	-33.3	-0.00008	mg/L	0.000099	-0.00008	mg/L	0.000099	124.05%
Fe†	2.4	0.00021	mg/L	0.000422	0.00021	mg/L	0.000422	204.51%
K†	9.3	0.00623	mg/L	0.023468	0.00623	mg/L	0.023468	376.41%
Mg†	79.2	0.00407	mg/L	0.000403	0.00407	mg/L	0.000403	9.90%
Mn†	36.0	0.00007	mg/L	0.000010	0.00007	mg/L	0.000010	13.83%
Mo†	6.0	0.00038	mg/L	0.000250	0.00038	mg/L	0.000250	66.01%
Na†	18.0	0.00615	mg/L	0.014528	0.00615	mg/L	0.014528	236.05%
Ni†	5.9	0.00027	mg/L	0.000035	0.00027	mg/L	0.000035	12.94%
Pb†	-1.3	-0.00027	mg/L	0.000327	-0.00027	mg/L	0.000327	123.12%
Sb†	5.7	0.00227	mg/L	0.001621	0.00227	mg/L	0.001621	71.48%
Se†	3.6	0.00210	mg/L	0.001489	0.00210	mg/L	0.001489	70.75%
Tl†	3.4	0.00106	mg/L	0.000003	0.00106	mg/L	0.000003	0.32%
V†	11.2	0.00007	mg/L	0.000035	0.00007	mg/L	0.000035	48.64%
Zn†	20.7	0.00041	mg/L	0.000007	0.00041	mg/L	0.000007	1.78%
Alx†	64.6	0.705	ug/L	0.3914	0.00071	mg/L	0.000391	55.51%
Bex†	282.1	0.107	ug/L	0.0488	0.00011	mg/L	0.000049	45.68%

Sequence No.: 14
Sample ID: MRL2007
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 22
Date Collected: 3/30/2006 08:26:32
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MRL2007

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: MRL2007

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	410714.4	94.3	%	0.29				0.30%
Yr	383065.2	87.8	%	3.04				3.47%
Agt	2784.4	0.0104	mg/L	0.00006	0.0104	mg/L	0.00006	0.54%
Alt	323.4	0.0511	mg/L	0.00054	0.0511	mg/L	0.00054	1.05%
Ast	259.8	0.101	mg/L	0.0004	0.101	mg/L	0.0004	0.42%
B_t	1659.3	0.0544	mg/L	0.00020	0.0544	mg/L	0.00020	0.37%
Bat	1534.5	0.0210	mg/L	0.00027	0.0210	mg/L	0.00027	1.29%
Bet	3092.3	0.00117	mg/L	0.000030	0.00117	mg/L	0.000030	2.60%
Cat	22439.7	1.04	mg/L	0.019	1.04	mg/L	0.019	1.82%
Cdt	180.0	0.00597	mg/L	0.000058	0.00597	mg/L	0.000058	0.98%
Cot	1574.1	0.0533	mg/L	0.00041	0.0533	mg/L	0.00041	0.78%
Crt	693.7	0.0102	mg/L	0.00010	0.0102	mg/L	0.00010	0.93%
Cut	4467.5	0.0108	mg/L	0.00016	0.0108	mg/L	0.00016	1.52%
Fet	250.5	0.0220	mg/L	0.00063	0.0220	mg/L	0.00063	2.86%
Kt	1362.1	0.918	mg/L	0.0482	0.918	mg/L	0.0482	5.25%
Mgt	2116.6	0.109	mg/L	0.0035	0.109	mg/L	0.0035	3.24%
Mnt	1150.1	0.00221	mg/L	0.000031	0.00221	mg/L	0.000031	1.40%
Mot	320.7	0.0203	mg/L	0.00005	0.0203	mg/L	0.00005	0.25%
Nat	2922.0	0.999	mg/L	0.0253	0.999	mg/L	0.0253	2.54%
Nit	479.7	0.0220	mg/L	0.00005	0.0220	mg/L	0.00005	0.24%
Pbt	104.3	0.0221	mg/L	0.00083	0.0221	mg/L	0.00083	3.75%
Sbt	124.9	0.0496	mg/L	0.00197	0.0496	mg/L	0.00197	3.98%
Set	161.8	0.0945	mg/L	0.00507	0.0945	mg/L	0.00507	5.36%
Tlt	352.1	0.111	mg/L	0.0003	0.111	mg/L	0.0003	0.27%
Vt	267.2	0.00175	mg/L	0.000011	0.00175	mg/L	0.000011	0.60%
Znt	1241.5	0.0243	mg/L	0.00025	0.0243	mg/L	0.00025	1.02%
Alxt	4289.2	46.8	ug/L	1.32	0.0468	mg/L	0.00132	2.81%
Bext	3092.3	1.17	ug/L	0.030	0.00117	mg/L	0.000030	2.60%

Sequence No.: 15
Sample ID: MBLANK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 38
Date Collected: 3/30/2006 08:30:13
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MBLANK

Analyte	Back Pressure	Flow
All	268.0 kPa	0.65 L/min

Mean Data: MBLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	420849.9	96.6	%	1.29				1.33%
Yr	395709.7	90.7	%	1.53				1.68%
Ag†	49.6	0.00019	mg/L	0.000345	0.00019	mg/L	0.000345	185.81%
Al†	5.4	0.00086	mg/L	0.001055	0.00086	mg/L	0.001055	122.64%
As†	8.6	0.00334	mg/L	0.000627	0.00334	mg/L	0.000627	18.81%
B_†	225.8	0.00740	mg/L	0.000126	0.00740	mg/L	0.000126	1.70%
Ba†	-2.0	-0.00003	mg/L	0.000123	-0.00003	mg/L	0.000123	440.70%
Be†	345.3	0.00013	mg/L	0.000041	0.00013	mg/L	0.000041	31.25%
Ca†	688.0	0.0319	mg/L	0.00147	0.0319	mg/L	0.00147	4.62%
Cd†	4.2	0.00014	mg/L	0.000224	0.00014	mg/L	0.000224	159.91%
Co†	-0.2	-0.00001	mg/L	0.000175	-0.00001	mg/L	0.000175	>999.9%
Cr†	-26.3	-0.00039	mg/L	0.000172	-0.00039	mg/L	0.000172	44.72%
Cu†	424.9	0.00102	mg/L	0.000206	0.00102	mg/L	0.000206	20.18%
Fe†	41.5	0.00364	mg/L	0.000637	0.00364	mg/L	0.000637	17.50%
K†	-28.9	-0.0195	mg/L	0.02730	-0.0195	mg/L	0.02730	140.06%
Mg†	70.4	0.00362	mg/L	0.000088	0.00362	mg/L	0.000088	2.43%
Mn†	40.1	0.00008	mg/L	0.000019	0.00008	mg/L	0.000019	24.09%
Mo†	6.4	0.00041	mg/L	0.000014	0.00041	mg/L	0.000014	3.43%
Na†	21.8	0.00745	mg/L	0.007137	0.00745	mg/L	0.007137	95.85%
Ni†	0.9	0.00004	mg/L	0.000198	0.00004	mg/L	0.000198	464.29%
Pb†	4.1	0.00087	mg/L	0.000838	0.00087	mg/L	0.000838	95.96%
Sb†	5.7	0.00229	mg/L	0.001078	0.00229	mg/L	0.001078	47.14%
Se†	-0.5	-0.00028	mg/L	0.000515	-0.00028	mg/L	0.000515	183.97%
Tl†	3.4	0.00106	mg/L	0.000076	0.00106	mg/L	0.000076	7.12%
V†	-16.2	-0.00011	mg/L	0.000162	-0.00011	mg/L	0.000162	152.79%
Zn†	223.8	0.00440	mg/L	0.000050	0.00440	mg/L	0.000050	1.14%
Alx†	212.4	2.32	ug/L	0.666	0.00232	mg/L	0.000666	28.70%
Bex†	345.3	0.131	ug/L	0.0409	0.00013	mg/L	0.000041	31.25%

Sequence No.: 16
Sample ID: LCS
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 39
Date Collected: 3/30/2006 08:34:22
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LCS

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: LCS

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	396896.1	91.1	%	0.22				0.24%
Yr	371106.5	85.1	%	2.74				3.22%
Agt	132640.4	0.497	mg/L	0.0011	0.497	mg/L	0.0011	0.22%
Alt	12320.0	1.95	mg/L	0.017	1.95	mg/L	0.017	0.89%
Ast	2516.7	0.980	mg/L	0.0018	0.980	mg/L	0.0018	0.18%
B_t	14225.7	0.466	mg/L	0.0007	0.466	mg/L	0.0007	0.15%
Bat	74290.9	1.02	mg/L	0.003	1.02	mg/L	0.003	0.32%
Bet	133214.9	0.0505	mg/L	0.00006	0.0505	mg/L	0.00006	0.13%
Cat	1079793.1	50.1	mg/L	0.07	50.1	mg/L	0.07	0.13%
Cdt	6094.0	0.202	mg/L	0.0007	0.202	mg/L	0.0007	0.33%
Cot	29804.1	1.01	mg/L	0.002	1.01	mg/L	0.002	0.17%
Crt	68002.4	0.997	mg/L	0.0015	0.997	mg/L	0.0015	0.15%
Cut	398799.3	0.960	mg/L	0.0091	0.960	mg/L	0.0091	0.95%
Fet	57426.7	5.04	mg/L	0.001	5.04	mg/L	0.001	0.01%
Kt	28529.5	19.2	mg/L	0.10	19.2	mg/L	0.10	0.50%
Mgt	389823.3	20.0	mg/L	0.08	20.0	mg/L	0.08	0.39%
Mnt	270640.5	0.521	mg/L	0.0009	0.521	mg/L	0.0009	0.18%
Mot	15362.4	0.971	mg/L	0.0018	0.971	mg/L	0.0018	0.19%
Nat	142887.9	48.8	mg/L	0.27	48.8	mg/L	0.27	0.55%
Nit	11173.1	0.514	mg/L	0.0001	0.514	mg/L	0.0001	0.02%
Pbt	4997.8	1.06	mg/L	0.002	1.06	mg/L	0.002	0.16%
Sbt	1225.7	0.468	mg/L	0.0002	0.468	mg/L	0.0002	0.04%
Set	1693.9	0.990	mg/L	0.0040	0.990	mg/L	0.0040	0.41%
Tlt	3426.5	1.08	mg/L	0.003	1.08	mg/L	0.003	0.23%
Vt	152061.5	0.994	mg/L	0.0002	0.994	mg/L	0.0002	0.02%
Znt	52306.8	1.03	mg/L	0.001	1.03	mg/L	0.001	0.09%
Alxt	169607.5	1850	ug/L	26.6	1.85	mg/L	0.027	1.44%
Bext	133214.9	50.5	ug/L	0.06	0.0505	mg/L	0.00006	0.13%

Sequence No.: 17
Sample ID: LCSD
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 40
Date Collected: 3/30/2006 08:38:00
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LCSD

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: LCSD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	394031.6	90.5	%	2.05				2.26%
Yr	364238.9	83.5	%	1.62				1.94%
Ag†	132278.3	0.496	mg/L	0.0014	0.496	mg/L	0.0014	0.28%
Al†	12386.6	1.96	mg/L	0.016	1.96	mg/L	0.016	0.84%
As†	2506.0	0.976	mg/L	0.0228	0.976	mg/L	0.0228	2.34%
B_†	14296.9	0.468	mg/L	0.0084	0.468	mg/L	0.0084	1.80%
Ba†	74342.1	1.02	mg/L	0.007	1.02	mg/L	0.007	0.71%
Be†	133033.6	0.0504	mg/L	0.00017	0.0504	mg/L	0.00017	0.33%
Ca†	1094387.7	50.7	mg/L	0.76	50.7	mg/L	0.76	1.50%
Cd†	6091.6	0.202	mg/L	0.0040	0.202	mg/L	0.0040	1.97%
Co†	29842.3	1.01	mg/L	0.019	1.01	mg/L	0.019	1.89%
Cr†	67926.6	0.996	mg/L	0.0042	0.996	mg/L	0.0042	0.42%
Cu†	397761.6	0.958	mg/L	0.0097	0.958	mg/L	0.0097	1.01%
Fe†	57247.6	5.02	mg/L	0.027	5.02	mg/L	0.027	0.53%
K†	28323.1	19.1	mg/L	0.08	19.1	mg/L	0.08	0.42%
Mg†	388362.7	20.0	mg/L	0.06	20.0	mg/L	0.06	0.31%
Mn†	270617.0	0.521	mg/L	0.0028	0.521	mg/L	0.0028	0.53%
Mo†	15433.7	0.976	mg/L	0.0184	0.976	mg/L	0.0184	1.89%
Na†	142236.7	48.6	mg/L	0.31	48.6	mg/L	0.31	0.64%
Ni†	11179.1	0.514	mg/L	0.0107	0.514	mg/L	0.0107	2.08%
Pb†	4981.4	1.05	mg/L	0.022	1.05	mg/L	0.022	2.05%
Sb†	1217.0	0.465	mg/L	0.0112	0.465	mg/L	0.0112	2.40%
Se†	1682.1	0.983	mg/L	0.0192	0.983	mg/L	0.0192	1.95%
Tl†	3427.0	1.08	mg/L	0.017	1.08	mg/L	0.017	1.60%
V†	151946.0	0.993	mg/L	0.0024	0.993	mg/L	0.0024	0.24%
Zn†	52119.1	1.02	mg/L	0.001	1.02	mg/L	0.001	0.10%
Alx†	168970.7	1840	ug/L	37.7	1.84	mg/L	0.038	2.04%
Bex†	133033.6	50.4	ug/L	0.17	0.0504	mg/L	0.00017	0.33%

Sequence No.: 18
Sample ID: 2603240135
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 41
Date Collected: 3/30/2006 08:41:45
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135

Analyte	Back Pressure	Flow
All	269.0 kPa	0.65 L/min

Mean Data: 2603240135

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	370504.6	85.1	%	1.84				2.16%
Yr	362915.8	83.2	%	2.53				3.04%
Agt	-82.7	-0.00031	mg/L	0.000120	-0.00062	mg/L	0.000241	38.87%
Alt	1524.6	0.241	mg/L	0.0028	0.482	mg/L	0.0055	1.14%
Ast	49.5	0.0193	mg/L	0.00132	0.0386	mg/L	0.00264	6.85%
B_t	57815.4	1.89	mg/L	0.001	3.79	mg/L	0.002	0.05%
Bat	1458.7	0.0199	mg/L	0.00011	0.0399	mg/L	0.00021	0.53%
Bet	-422.3	-0.00016	mg/L	0.000057	-0.00032	mg/L	0.000114	35.54%
Cat	2610705.9	121	mg/L	0.2	242	mg/L	0.3	0.13%
Cdt	-18.8	-0.00062	mg/L	0.000060	-0.00125	mg/L	0.000119	9.53%
Cot	5.7	0.00019	mg/L	0.000132	0.00039	mg/L	0.000264	68.41%
Crt	902.4	0.0132	mg/L	0.00029	0.0265	mg/L	0.00057	2.16%
Cut	3988.4	0.00961	mg/L	0.000116	0.0192	mg/L	0.00023	1.21%
Fet	2350.1	0.206	mg/L	0.0092	0.412	mg/L	0.0184	4.45%
Kt	13153.8	8.86	mg/L	0.285	17.7	mg/L	0.57	3.21%
Mgt	1175565.1	60.4	mg/L	0.13	121	mg/L	0.3	0.21%
Mnt	30113.6	0.0579	mg/L	0.00012	0.116	mg/L	0.0002	0.21%
Mot	974.1	0.0616	mg/L	0.00061	0.123	mg/L	0.0012	0.98%
Nat	641430.8	219	mg/L	0.8	438	mg/L	1.7	0.38%
Nit	-14.3	-0.00066	mg/L	0.000303	-0.00131	mg/L	0.000606	46.15%
Pbt	-36.9	-0.00781	mg/L	0.001419	-0.0156	mg/L	0.00284	18.17%
Sbt	19.7	0.00760	mg/L	0.001348	0.0152	mg/L	0.00270	17.74%
Set	-33.2	-0.0194	mg/L	0.00111	-0.0388	mg/L	0.00222	5.72%
Tlt	138.9	0.0438	mg/L	0.00293	0.0876	mg/L	0.00587	6.69%
Vt	1516.8	0.00991	mg/L	0.000104	0.0198	mg/L	0.00021	1.05%
Znt	145.6	0.00287	mg/L	0.000182	0.00574	mg/L	0.000364	6.34%
Alxt	20935.2	229	ug/L	1.0	0.457	mg/L	0.0020	0.44%
Bext	-422.3	-0.160	ug/L	0.0569	-0.00032	mg/L	0.000114	35.54%

Sequence No.: 19
Sample ID: 2603240135MS
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 42
Date Collected: 3/30/2006 08:45:28
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135MS

Analyte	Back Pressure	Flow
All	270.0 kPa	0.65 L/min

Mean Data: 2603240135MS

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	364710.6	83.7	%	1.28				1.53%
Yr	355889.5	81.6	%	0.94				1.15%
Ag†	67837.6	0.254	mg/L	0.0006	0.508	mg/L	0.0011	0.22%
Al†	8043.3	1.27	mg/L	0.008	2.54	mg/L	0.017	0.67%
As†	1391.9	0.542	mg/L	0.0046	1.08	mg/L	0.009	0.84%
B_†	64564.0	2.12	mg/L	0.006	4.23	mg/L	0.013	0.30%
Ba†	39954.0	0.546	mg/L	0.0025	1.09	mg/L	0.005	0.46%
Be†	67283.6	0.0255	mg/L	0.00002	0.0510	mg/L	0.00004	0.07%
Ca†	3060626.9	142	mg/L	4.4	284	mg/L	8.7	3.08%
Cd†	3155.3	0.105	mg/L	0.0006	0.209	mg/L	0.0013	0.61%
Co†	15179.6	0.514	mg/L	0.0033	1.03	mg/L	0.007	0.65%
Cr†	35272.2	0.517	mg/L	0.0028	1.03	mg/L	0.006	0.54%
Cu†	205830.2	0.496	mg/L	0.0011	0.991	mg/L	0.0023	0.23%
Fe†	31579.3	2.77	mg/L	0.019	5.54	mg/L	0.038	0.69%
K†	27619.7	18.6	mg/L	0.26	37.2	mg/L	0.52	1.40%
Mg†	1335524.8	68.6	mg/L	1.95	137	mg/L	3.9	2.84%
Mn†	169585.5	0.326	mg/L	0.0003	0.653	mg/L	0.0006	0.09%
Mo†	8826.5	0.558	mg/L	0.0047	1.12	mg/L	0.009	0.84%
Na†	693527.8	237	mg/L	7.6	474	mg/L	15.3	3.23%
Ni†	5642.7	0.259	mg/L	0.0010	0.519	mg/L	0.0021	0.40%
Pb†	2480.5	0.525	mg/L	0.0032	1.05	mg/L	0.006	0.60%
Sb†	665.3	0.255	mg/L	0.0032	0.509	mg/L	0.0063	1.24%
Se†	846.0	0.494	mg/L	0.0038	0.989	mg/L	0.0076	0.76%
Tl†	1779.4	0.561	mg/L	0.0026	1.12	mg/L	0.005	0.46%
V†	79704.4	0.521	mg/L	0.0001	1.04	mg/L	0.000	0.01%
Zn†	27106.1	0.532	mg/L	0.0029	1.06	mg/L	0.006	0.55%
Alx†	109774.0	1200	ug/L	2.1	2.40	mg/L	0.004	0.17%
Bex†	67283.6	25.5	ug/L	0.02	0.0510	mg/L	0.00004	0.07%

Sequence No.: 20
Sample ID: 2603240135MSD
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 43
Date Collected: 3/30/2006 08:49:13
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135MSD

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603240135MSD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	351648.5	80.7	%	0.85				1.05%
Yr	347037.0	79.5	%	1.51				1.90%
Ag†	68219.0	0.256	mg/L	0.0009	0.511	mg/L	0.0019	0.37%
Al†	8092.7	1.28	mg/L	0.002	2.56	mg/L	0.004	0.17%
As†	1402.5	0.546	mg/L	0.0162	1.09	mg/L	0.032	2.97%
B_†	65967.5	2.16	mg/L	0.012	4.32	mg/L	0.024	0.55%
Ba†	40443.1	0.553	mg/L	0.0018	1.11	mg/L	0.004	0.32%
Be†	67649.6	0.0256	mg/L	0.00001	0.0513	mg/L	0.00003	0.06%
Ca†	3144502.8	146	mg/L	0.1	292	mg/L	0.2	0.06%
Cd†	3190.6	0.106	mg/L	0.0017	0.212	mg/L	0.0034	1.59%
Co†	15295.8	0.518	mg/L	0.0104	1.04	mg/L	0.021	2.01%
Cr†	35602.7	0.522	mg/L	0.0102	1.04	mg/L	0.020	1.95%
Cu†	207867.4	0.501	mg/L	0.0023	1.00	mg/L	0.005	0.46%
Fe†	31728.0	2.78	mg/L	0.010	5.57	mg/L	0.020	0.36%
K†	27839.6	18.8	mg/L	0.14	37.5	mg/L	0.29	0.76%
Mg†	1377526.5	70.8	mg/L	0.14	142	mg/L	0.3	0.20%
Mn†	171442.5	0.330	mg/L	0.0002	0.660	mg/L	0.0004	0.06%
Mo†	8947.8	0.566	mg/L	0.0114	1.13	mg/L	0.023	2.01%
Na†	713141.0	244	mg/L	1.3	487	mg/L	2.7	0.55%
Ni†	5673.3	0.261	mg/L	0.0052	0.522	mg/L	0.0104	2.00%
Pb†	2505.4	0.530	mg/L	0.0079	1.06	mg/L	0.016	1.49%
Sb†	665.5	0.255	mg/L	0.0068	0.509	mg/L	0.0136	2.67%
Se†	858.2	0.502	mg/L	0.0157	1.00	mg/L	0.031	3.13%
Tl†	1797.2	0.567	mg/L	0.0068	1.13	mg/L	0.014	1.20%
V†	80268.7	0.525	mg/L	0.0007	1.05	mg/L	0.001	0.13%
Zn†	27305.1	0.535	mg/L	0.0114	1.07	mg/L	0.023	2.13%
Alx†	110765.2	1210	ug/L	13.1	2.42	mg/L	0.026	1.08%
Bex†	67649.6	25.6	ug/L	0.01	0.0513	mg/L	0.00003	0.06%

Sequence No.: 21
Sample ID: WASH
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:52:58
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: WASH

Analyte	Back Pressure	Flow
All	271.0 kPa	0.65 L/min

Mean Data: WASH

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	379792.4	87.2	%	0.63				0.72%
Yr	347818.6	79.7	%	1.19				1.49%
Ag†	4.3	0.00002	mg/L	0.000103	0.00002	mg/L	0.000103	642.50%
Al†	-1.9	-0.00030	mg/L	0.002010	-0.00030	mg/L	0.002010	671.23%
As†	3.2	0.00124	mg/L	0.000329	0.00124	mg/L	0.000329	26.50%
B_†	857.0	0.0281	mg/L	0.00126	0.0281	mg/L	0.00126	4.50%
Ba†	-2.2	-0.00003	mg/L	0.000105	-0.00003	mg/L	0.000105	346.43%
Be†	404.7	0.00015	mg/L	0.000063	0.00015	mg/L	0.000063	40.90%
Ca†	32.8	0.00152	mg/L	0.000262	0.00152	mg/L	0.000262	17.25%
Cd†	8.2	0.00027	mg/L	0.000108	0.00027	mg/L	0.000108	39.51%
Co†	-7.2	-0.00024	mg/L	0.000105	-0.00024	mg/L	0.000105	43.25%
Cr†	19.7	0.00029	mg/L	0.000120	0.00029	mg/L	0.000120	41.49%
Cu†	119.2	0.00029	mg/L	0.000076	0.00029	mg/L	0.000076	26.33%
Fe†	1.6	0.00014	mg/L	0.000045	0.00014	mg/L	0.000045	31.15%
K†	117.5	0.0792	mg/L	0.01925	0.0792	mg/L	0.01925	24.31%
Mg†	53.9	0.00277	mg/L	0.000667	0.00277	mg/L	0.000667	24.10%
Mn†	61.8	0.00012	mg/L	0.000018	0.00012	mg/L	0.000018	15.06%
Mo†	15.0	0.00095	mg/L	0.000070	0.00095	mg/L	0.000070	7.32%
Na†	172.0	0.0588	mg/L	0.00043	0.0588	mg/L	0.00043	0.74%
Ni†	-4.9	-0.00022	mg/L	0.000383	-0.00022	mg/L	0.000383	170.90%
Pb†	-10.1	-0.00213	mg/L	0.000742	-0.00213	mg/L	0.000742	34.83%
Sb†	-4.5	-0.00181	mg/L	0.002254	-0.00181	mg/L	0.002254	124.21%
Se†	6.6	0.00385	mg/L	0.000853	0.00385	mg/L	0.000853	22.14%
Tl†	10.6	0.00333	mg/L	0.002141	0.00333	mg/L	0.002141	64.21%
V†	-44.3	-0.00029	mg/L	0.000328	-0.00029	mg/L	0.000328	113.37%
Zn†	20.9	0.00041	mg/L	0.000125	0.00041	mg/L	0.000125	30.37%
Alx†	31.0	0.339	ug/L	0.2076	0.00034	mg/L	0.000208	61.24%
Bex†	404.7	0.153	ug/L	0.0627	0.00015	mg/L	0.000063	40.90%

Sequence No.: 22
Sample ID: WASH
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 08:56:22
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: WASH

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: WASH

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	381928.2	87.7	%	0.75				0.86%
Yr	353167.3	80.9	%	0.47				0.59%
Ag†	88.8	0.00033	mg/L	0.000060	0.00033	mg/L	0.000060	17.94%
Al†	-1.6	-0.00025	mg/L	0.002574	-0.00025	mg/L	0.002574	>999.9%
As†	1.7	0.00067	mg/L	0.001102	0.00067	mg/L	0.001102	164.56%
B_†	576.2	0.0189	mg/L	0.00096	0.0189	mg/L	0.00096	5.09%
Ba†	-7.3	-0.00010	mg/L	0.000110	-0.00010	mg/L	0.000110	110.30%
Be†	348.8	0.00013	mg/L	0.000009	0.00013	mg/L	0.000009	6.71%
Ca†	-1.7	-0.00008	mg/L	0.000032	-0.00008	mg/L	0.000032	39.43%

Cd†	2.8	0.00009 mg/L	0.000079	0.00009 mg/L	0.000079	86.36%
Co†	-4.3	-0.00015 mg/L	0.000269	-0.00015 mg/L	0.000269	183.82%
Cr†	16.0	0.00024 mg/L	0.000188	0.00024 mg/L	0.000188	79.81%
Cu†	68.5	0.00016 mg/L	0.000109	0.00016 mg/L	0.000109	66.30%
Fe†	-14.3	-0.00125 mg/L	0.000223	-0.00125 mg/L	0.000223	17.76%
K†	-43.4	-0.0292 mg/L	0.02108	-0.0292 mg/L	0.02108	72.15%
Mg†	44.7	0.00230 mg/L	0.000028	0.00230 mg/L	0.000028	1.21%
Mn†	37.0	0.00007 mg/L	0.000002	0.00007 mg/L	0.000002	2.60%
Mo†	6.4	0.00041 mg/L	0.000011	0.00041 mg/L	0.000011	2.60%
Na†	26.3	0.00898 mg/L	0.011081	0.00898 mg/L	0.011081	123.42%
Ni†	-4.3	-0.00020 mg/L	0.000440	-0.00020 mg/L	0.000440	222.13%
Pb†	-3.6	-0.00077 mg/L	0.000597	-0.00077 mg/L	0.000597	77.44%
Sb†	1.0	0.00039 mg/L	0.000228	0.00039 mg/L	0.000228	58.83%
Se†	-1.6	-0.00096 mg/L	0.001319	-0.00096 mg/L	0.001319	137.26%
Tl†	3.7	0.00116 mg/L	0.000442	0.00116 mg/L	0.000442	38.10%
V†	17.7	0.00012 mg/L	0.000272	0.00012 mg/L	0.000272	234.61%
Zn†	24.1	0.00048 mg/L	0.000043	0.00048 mg/L	0.000043	9.01%
Alx†	16.4	0.180 ug/L	0.5452	0.00018 mg/L	0.000545	303.63%
Bex†	348.8	0.132 ug/L	0.0089	0.00013 mg/L	0.000009	6.71%

Sequence No.: 23
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/30/2006 08:59:49
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	357416.8	82.1	%	0.69				0.84%
Yr	344319.2	78.9	%	1.12				1.42%
Ag†	266341.4	0.998	mg/L	0.0004	0.998	mg/L	0.0004	0.04%
QC value within limits for Ag		Recovery = 99.78%						
Al†	32196.4	5.08	mg/L	0.008	5.08	mg/L	0.008	0.15%
QC value within limits for Al		Recovery = 101.69%						
As†	12045.8	4.69	mg/L	0.054	4.69	mg/L	0.054	1.14%
QC value within limits for As		Recovery = 93.78%						
B_†	71129.8	2.33	mg/L	0.017	2.33	mg/L	0.017	0.72%
QC value within limits for B_		Recovery = 93.23%						
Ba†	382457.9	5.23	mg/L	0.008	5.23	mg/L	0.008	0.16%
QC value within limits for Ba		Recovery = 104.61%						
Be†	5369227.9	2.03	mg/L	0.017	2.03	mg/L	0.017	0.86%
QC value within limits for Be		Recovery = 101.73%						
Ca†	1056317.5	49.0	mg/L	0.92	49.0	mg/L	0.92	1.87%
QC value within limits for Ca		Recovery = 97.93%						
Cd†	76497.7	2.54	mg/L	0.037	2.54	mg/L	0.037	1.45%
QC value within limits for Cd		Recovery = 101.53%						
Co†	150561.2	5.10	mg/L	0.017	5.10	mg/L	0.017	0.34%
QC value within limits for Co		Recovery = 102.06%						
Cr†	348795.1	5.12	mg/L	0.014	5.12	mg/L	0.014	0.28%
QC value within limits for Cr		Recovery = 102.33%						
Cu†	1970407.7	4.75	mg/L	0.005	4.75	mg/L	0.005	0.10%
QC value within limits for Cu		Recovery = 94.91%						
Fe†	58139.4	5.10	mg/L	0.011	5.10	mg/L	0.011	0.22%
QC value within limits for Fe		Recovery = 102.02%						
K†	72528.1	48.9	mg/L	0.09	48.9	mg/L	0.09	0.18%
QC value within limits for K		Recovery = 97.74%						
Mg†	998668.0	51.3	mg/L	0.16	51.3	mg/L	0.16	0.31%
QC value within limits for Mg		Recovery = 102.62%						
Mn†	2693518.2	5.18	mg/L	0.011	5.18	mg/L	0.011	0.21%
QC value within limits for Mn		Recovery = 103.66%						
Mo†	82246.7	5.20	mg/L	0.069	5.20	mg/L	0.069	1.32%
QC value within limits for Mo		Recovery = 104.00%						
Na†	145052.5	49.6	mg/L	0.09	49.6	mg/L	0.09	0.18%
QC value within limits for Na		Recovery = 99.15%						
Ni†	113235.6	5.20	mg/L	0.013	5.20	mg/L	0.013	0.25%
QC value within limits for Ni		Recovery = 104.09%						
Pb†	24611.5	5.21	mg/L	0.079	5.21	mg/L	0.079	1.52%
QC value within limits for Pb		Recovery = 104.19%						
Sb†	12431.2	4.85	mg/L	0.063	4.85	mg/L	0.063	1.31%
QC value within limits for Sb		Recovery = 97.02%						
Se†	8136.8	4.75	mg/L	0.102	4.75	mg/L	0.102	2.15%
QC value within limits for Se		Recovery = 95.10%						
Tl†	16701.2	5.27	mg/L	0.076	5.27	mg/L	0.076	1.44%
QC value within limits for Tl		Recovery = 105.39%						
V†	780736.6	5.10	mg/L	0.007	5.10	mg/L	0.007	0.13%
QC value within limits for V		Recovery = 102.04%						
Zn†	259991.3	5.08	mg/L	0.007	5.08	mg/L	0.007	0.14%
QC value within limits for Zn		Recovery = 101.62%						
Alx†	421621.1	4600	ug/L	21.9	4.60	mg/L	0.022	0.48%
QC value within limits for Alx		Recovery = 92.06%						
Bex†	5369227.9	2030	ug/L	17.4	2.03	mg/L	0.017	0.86%
QC value within limits for Bex		Recovery = 101.73%						

All analyte(s) passed QC.

Sequence No.: 24
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 09:03:08
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	373378.9	85.7	%	0.07				0.08%
Yr	342823.8	78.6	%	0.66				0.83%
Ag†	55.3	0.00021	mg/L	0.000411	0.00021	mg/L	0.000411	198.53%
QC value within limits for Ag	Recovery = Not calculated							
Al†	-2.2	-0.00034	mg/L	0.002536	-0.00034	mg/L	0.002536	746.36%
QC value within limits for Al	Recovery = Not calculated							
As†	24.6	0.00959	mg/L	0.000402	0.00959	mg/L	0.000402	4.19%
QC value within limits for As	Recovery = Not calculated							
B_†	767.6	0.0252	mg/L	0.00094	0.0252	mg/L	0.00094	3.74%
QC value greater than the upper limit for B_	Recovery = Not calculated							
Ba†	-1.9	-0.00003	mg/L	0.000010	-0.00003	mg/L	0.000010	40.38%
QC value within limits for Ba	Recovery = Not calculated							
Be†	329.5	0.00012	mg/L	0.000002	0.00012	mg/L	0.000002	1.61%
QC value within limits for Be	Recovery = Not calculated							
Ca†	-23.7	-0.00110	mg/L	0.000280	-0.00110	mg/L	0.000280	25.46%
QC value within limits for Ca	Recovery = Not calculated							
Cd†	13.9	0.00046	mg/L	0.000209	0.00046	mg/L	0.000209	45.18%
QC value within limits for Cd	Recovery = Not calculated							
Co†	-13.4	-0.00046	mg/L	0.000116	-0.00046	mg/L	0.000116	25.56%
QC value within limits for Co	Recovery = Not calculated							
Cr†	23.5	0.00035	mg/L	0.000064	0.00035	mg/L	0.000064	18.55%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	235.3	0.00057	mg/L	0.000097	0.00057	mg/L	0.000097	17.09%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	1.0	0.00009	mg/L	0.000161	0.00009	mg/L	0.000161	177.56%
QC value within limits for Fe	Recovery = Not calculated							
K†	54.6	0.0368	mg/L	0.01125	0.0368	mg/L	0.01125	30.55%
QC value within limits for K	Recovery = Not calculated							
Mg†	62.7	0.00322	mg/L	0.000270	0.00322	mg/L	0.000270	8.36%
QC value within limits for Mg	Recovery = Not calculated							
Mn†	41.5	0.00008	mg/L	0.000011	0.00008	mg/L	0.000011	13.66%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	42.8	0.00270	mg/L	0.000050	0.00270	mg/L	0.000050	1.85%
QC value within limits for Mo	Recovery = Not calculated							
Na†	-2.2	-0.00077	mg/L	0.005709	-0.00077	mg/L	0.005709	743.11%
QC value within limits for Na	Recovery = Not calculated							
Ni†	-1.4	-0.00006	mg/L	0.000107	-0.00006	mg/L	0.000107	168.31%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	3.2	0.00069	mg/L	0.001851	0.00069	mg/L	0.001851	269.92%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	7.3	0.00292	mg/L	0.001265	0.00292	mg/L	0.001265	43.33%
QC value within limits for Sb	Recovery = Not calculated							
Se†	-3.0	-0.00174	mg/L	0.006240	-0.00174	mg/L	0.006240	358.01%
QC value within limits for Se	Recovery = Not calculated							
Tl†	15.3	0.00484	mg/L	0.003273	0.00484	mg/L	0.003273	67.59%
QC value within limits for Tl	Recovery = Not calculated							
V†	-37.9	-0.00025	mg/L	0.000042	-0.00025	mg/L	0.000042	16.89%
QC value within limits for V	Recovery = Not calculated							
Zn†	46.2	0.00091	mg/L	0.000046	0.00091	mg/L	0.000046	5.04%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	36.2	0.396	ug/L	1.0282	0.00040	mg/L	0.001028	259.90%
QC value within limits for Alx	Recovery = Not calculated							
Bex†	329.5	0.125	ug/L	0.0020	0.00012	mg/L	0.000002	1.61%
QC value within limits for Bex	Recovery = Not calculated							

QC Failed. Retry.

Sequence No.: 25
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 09:05:44
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	271.0 kPa	0.65 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	378550.6	86.9	%	1.00				1.15%
Yr	352156.7	80.7	%	0.89				1.10%
Ag†	9.8	0.00004	mg/L	0.000068	0.00004	mg/L	0.000068	183.42%
QC value within limits for Ag		Recovery = Not calculated						
Al†	6.0	0.00094	mg/L	0.000439	0.00094	mg/L	0.000439	46.67%
QC value within limits for Al		Recovery = Not calculated						
As†	16.2	0.00632	mg/L	0.001576	0.00632	mg/L	0.001576	24.92%
QC value within limits for As		Recovery = Not calculated						
B_†	574.4	0.0188	mg/L	0.00031	0.0188	mg/L	0.00031	1.63%
QC value within limits for B_		Recovery = Not calculated						
Ba†	-5.3	-0.00007	mg/L	0.000072	-0.00007	mg/L	0.000072	100.25%
QC value within limits for Ba		Recovery = Not calculated						
Be†	349.0	0.00013	mg/L	0.000008	0.00013	mg/L	0.000008	6.33%
QC value within limits for Be		Recovery = Not calculated						
Ca†	-24.2	-0.00112	mg/L	0.000355	-0.00112	mg/L	0.000355	31.67%
QC value within limits for Ca		Recovery = Not calculated						
Cd†	0.5	0.00002	mg/L	0.000003	0.00002	mg/L	0.000003	16.92%
QC value within limits for Cd		Recovery = Not calculated						
Co†	-5.8	-0.00020	mg/L	0.000020	-0.00020	mg/L	0.000020	10.01%
QC value within limits for Co		Recovery = Not calculated						
Cr†	16.3	0.00024	mg/L	0.000140	0.00024	mg/L	0.000140	58.49%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	102.4	0.00025	mg/L	0.000032	0.00025	mg/L	0.000032	13.13%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	2.2	0.00020	mg/L	0.000209	0.00020	mg/L	0.000209	106.62%
QC value within limits for Fe		Recovery = Not calculated						
K†	73.5	0.0495	mg/L	0.02740	0.0495	mg/L	0.02740	55.32%
QC value within limits for K		Recovery = Not calculated						
Mg†	52.6	0.00270	mg/L	0.000091	0.00270	mg/L	0.000091	3.38%
QC value within limits for Mg		Recovery = Not calculated						
Mn†	32.5	0.00006	mg/L	0.000010	0.00006	mg/L	0.000010	15.38%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	20.7	0.00131	mg/L	0.000052	0.00131	mg/L	0.000052	4.02%
QC value within limits for Mo		Recovery = Not calculated						
Na†	-7.1	-0.00243	mg/L	0.017056	-0.00243	mg/L	0.017056	702.56%
QC value within limits for Na		Recovery = Not calculated						
Ni†	-10.3	-0.00047	mg/L	0.000222	-0.00047	mg/L	0.000222	47.17%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	0.0	0.00001	mg/L	0.000133	0.00001	mg/L	0.000133	>999.9%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	6.2	0.00247	mg/L	0.002670	0.00247	mg/L	0.002670	108.18%
QC value within limits for Sb		Recovery = Not calculated						
Se†	3.7	0.00216	mg/L	0.001808	0.00216	mg/L	0.001808	83.57%
QC value within limits for Se		Recovery = Not calculated						
Tl†	7.7	0.00242	mg/L	0.000125	0.00242	mg/L	0.000125	5.17%
QC value within limits for Tl		Recovery = Not calculated						
V†	64.4	0.00042	mg/L	0.000207	0.00042	mg/L	0.000207	49.09%
QC value within limits for V		Recovery = Not calculated						
Zn†	30.0	0.00059	mg/L	0.000014	0.00059	mg/L	0.000014	2.37%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	23.1	0.253	ug/L	0.1748	0.00025	mg/L	0.000175	69.19%
QC value within limits for Alx		Recovery = Not calculated						
Bex†	349.0	0.132	ug/L	0.0084	0.00013	mg/L	0.000008	6.33%

QC value within limits for Bex Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 26
Sample ID: 2603150119
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 44
Date Collected: 3/30/2006 09:09:10
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150119

Analyte	Back Pressure	Flow
All	271.0 kPa	0.65 L/min

Mean Data: 2603150119

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Sca	389813.8	89.5	%	0.04				0.04%
Yr	360800.0	82.7	%	1.91				2.31%
Agt	109.3	0.00041	mg/L	0.000047	0.00041	mg/L	0.000047	11.48%
Alt	198.7	0.0314	mg/L	0.00176	0.0314	mg/L	0.00176	5.60%
Ast	14.3	0.00558	mg/L	0.001753	0.00558	mg/L	0.001753	31.42%
B_t	466.8	0.0153	mg/L	0.00026	0.0153	mg/L	0.00026	1.67%
Bat	48.4	0.00066	mg/L	0.000009	0.00066	mg/L	0.000009	1.30%
Bet	370.5	0.00014	mg/L	0.000002	0.00014	mg/L	0.000002	1.63%
Cat	5727.5	0.266	mg/L	0.0083	0.266	mg/L	0.0083	3.13%
Cdt	7.8	0.00026	mg/L	0.000012	0.00026	mg/L	0.000012	4.59%
Cot	1.1	0.00004	mg/L	0.000135	0.00004	mg/L	0.000135	375.05%
Crt	12.9	0.00019	mg/L	0.000042	0.00019	mg/L	0.000042	22.51%
Cut	653.9	0.00157	mg/L	0.000012	0.00157	mg/L	0.000012	0.75%
Fet	547.0	0.0480	mg/L	0.00133	0.0480	mg/L	0.00133	2.77%
Kt	112.2	0.0756	mg/L	0.00524	0.0756	mg/L	0.00524	6.92%
Mgt	847.5	0.0435	mg/L	0.00083	0.0435	mg/L	0.00083	1.90%
Mnt	5088.7	0.00979	mg/L	0.000062	0.00979	mg/L	0.000062	0.63%
Mot	11.9	0.00075	mg/L	0.000169	0.00075	mg/L	0.000169	22.47%
Nat	620.3	0.212	mg/L	0.0020	0.212	mg/L	0.0020	0.94%
Nit	4.1	0.00019	mg/L	0.000006	0.00019	mg/L	0.000006	3.42%
Pbt	0.7	0.00015	mg/L	0.000236	0.00015	mg/L	0.000236	152.45%
Sbt	3.6	0.00144	mg/L	0.001146	0.00144	mg/L	0.001146	79.64%
Set	-4.7	-0.00272	mg/L	0.004670	-0.00272	mg/L	0.004670	171.42%
Tlt	6.6	0.00209	mg/L	0.000947	0.00209	mg/L	0.000947	45.35%
Vt	-6.1	-0.00004	mg/L	0.000278	-0.00004	mg/L	0.000278	697.61%
Znt	855.0	0.0168	mg/L	0.00009	0.0168	mg/L	0.00009	0.55%
Alxt	2798.5	30.6	ug/L	0.40	0.0306	mg/L	0.00040	1.31%
Bext	370.5	0.140	ug/L	0.0023	0.00014	mg/L	0.000002	1.63%

Sequence No.: 27
Sample ID: 2603150119MS
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 45
Date Collected: 3/30/2006 09:12:49
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150119MS

Analyte	Back Pressure	Flow
All	271.0 kPa	0.65 L/min

Mean Data: 2603150119MS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	369396.8	84.8	%	0.64				0.75%
Yr	346570.5	79.4	%	0.32				0.41%
Ag†	130957.7	0.491	mg/L	0.0005	0.491	mg/L	0.0005	0.11%
Al†	12409.8	1.96	mg/L	0.011	1.96	mg/L	0.011	0.55%
As†	2457.7	0.957	mg/L	0.0009	0.957	mg/L	0.0009	0.10%
B_†	13987.3	0.458	mg/L	0.0022	0.458	mg/L	0.0022	0.49%
Ba†	73865.4	1.01	mg/L	0.000	1.01	mg/L	0.000	0.01%
Be†	131636.1	0.0499	mg/L	0.00020	0.0499	mg/L	0.00020	0.39%
Ca†	1051168.2	48.7	mg/L	0.65	48.7	mg/L	0.65	1.33%
Cd†	6021.9	0.200	mg/L	0.0011	0.200	mg/L	0.0011	0.53%
Co†	29482.9	0.999	mg/L	0.0053	0.999	mg/L	0.0053	0.53%
Cr†	67296.4	0.987	mg/L	0.0003	0.987	mg/L	0.0003	0.03%
Cu†	394460.2	0.950	mg/L	0.0018	0.950	mg/L	0.0018	0.19%
Fe†	56765.9	4.98	mg/L	0.007	4.98	mg/L	0.007	0.14%
K†	27873.7	18.8	mg/L	0.07	18.8	mg/L	0.07	0.39%
Mg†	383050.1	19.7	mg/L	0.05	19.7	mg/L	0.05	0.26%
Mn†	272528.1	0.524	mg/L	0.0002	0.524	mg/L	0.0002	0.04%
Mo†	15332.0	0.969	mg/L	0.0056	0.969	mg/L	0.0056	0.58%
Na†	139063.6	47.5	mg/L	0.11	47.5	mg/L	0.11	0.23%
Ni†	11056.2	0.508	mg/L	0.0015	0.508	mg/L	0.0015	0.29%
Pb†	4948.9	1.05	mg/L	0.003	1.05	mg/L	0.003	0.32%
Sb†	1198.7	0.458	mg/L	0.0004	0.458	mg/L	0.0004	0.08%
Se†	1635.6	0.956	mg/L	0.0011	0.956	mg/L	0.0011	0.11%
Tl†	3401.1	1.07	mg/L	0.007	1.07	mg/L	0.007	0.68%
V†	150769.0	0.985	mg/L	0.0009	0.985	mg/L	0.0009	0.09%
Zn†	52086.3	1.02	mg/L	0.004	1.02	mg/L	0.004	0.42%
Alx†	168396.9	1840	ug/L	7.5	1.84	mg/L	0.007	0.41%
Bex†	131636.1	49.9	ug/L	0.20	0.0499	mg/L	0.00020	0.39%

Sequence No.: 28
Sample ID: 2603090347
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 46
Date Collected: 3/30/2006 09:15:54
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603090347

Analyte	Back Pressure	Flow
All	271.0 kPa	0.65 L/min

Mean Data: 2603090347

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	371730.8	85.4	%	0.57				0.67%
Yr	336716.2	77.2	%	0.45				0.59%
Agt	23.5	0.00009	mg/L	0.000283	0.00009	mg/L	0.000283	321.68%
Alt	27.3	0.00431	mg/L	0.003985	0.00431	mg/L	0.003985	92.53%
Ast	-40.0	-0.0156	mg/L	0.00187	-0.0156	mg/L	0.00187	12.03%
B_t	4554.5	0.149	mg/L	0.0003	0.149	mg/L	0.0003	0.20%
Bat	12744.8	0.174	mg/L	0.0006	0.174	mg/L	0.0006	0.37%
Bet	-130.4	-0.00005	mg/L	0.000012	-0.00005	mg/L	0.000012	24.09%
Cat	1782716.8	82.6	mg/L	0.46	82.6	mg/L	0.46	0.55%
Cdt	-37.4	-0.00124	mg/L	0.000085	-0.00124	mg/L	0.000085	6.89%
Cot	-0.6	-0.00002	mg/L	0.000147	-0.00002	mg/L	0.000147	686.90%
Crt	-71.8	-0.00105	mg/L	0.000199	-0.00105	mg/L	0.000199	18.84%
Cut	1442.0	0.00347	mg/L	0.000035	0.00347	mg/L	0.000035	1.00%
Fet	1901.9	0.167	mg/L	0.0012	0.167	mg/L	0.0012	0.74%
Kt	7970.2	5.37	mg/L	0.087	5.37	mg/L	0.087	1.62%
Mgt	606350.7	31.2	mg/L	0.10	31.2	mg/L	0.10	0.31%
Mnt	2150.7	0.00414	mg/L	0.000013	0.00414	mg/L	0.000013	0.31%
Mot	118.5	0.00749	mg/L	0.000151	0.00749	mg/L	0.000151	2.01%
Nat	295620.0	101	mg/L	0.2	101	mg/L	0.2	0.23%
Nit	-11.2	-0.00052	mg/L	0.000407	-0.00052	mg/L	0.000407	78.80%
Pbt	-32.3	-0.00683	mg/L	0.000667	-0.00683	mg/L	0.000667	9.77%
Sbt	24.2	0.00968	mg/L	0.001338	0.00968	mg/L	0.001338	13.81%
Set	-25.2	-0.0147	mg/L	0.00433	-0.0147	mg/L	0.00433	29.39%
Tlt	116.1	0.0366	mg/L	0.00146	0.0366	mg/L	0.00146	3.98%
Vt	433.0	0.00283	mg/L	0.000172	0.00283	mg/L	0.000172	6.08%
Znt	154.7	0.00305	mg/L	0.000145	0.00305	mg/L	0.000145	4.75%
Alxt	582.8	6.36	ug/L	1.357	0.00636	mg/L	0.001357	21.32%
Bext	-130.4	-0.0494	ug/L	0.01190	-0.00005	mg/L	0.000012	24.09%

Sequence No.: 29
Sample ID: 2603100260
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 47
Date Collected: 3/30/2006 09:20:14
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603100260

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603100260

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	396917.6	91.1	%	1.58				1.73%
Yr	376376.5	86.3	%	0.30				0.35%
Ag†	80.6	0.00030	mg/L	0.000143	0.00030	mg/L	0.000143	47.51%
Al†	272.2	0.0430	mg/L	0.00348	0.0430	mg/L	0.00348	8.11%
As†	7.9	0.00307	mg/L	0.002516	0.00307	mg/L	0.002516	81.84%
B_†	361.4	0.0118	mg/L	0.00003	0.0118	mg/L	0.00003	0.29%
Ba†	78.3	0.00107	mg/L	0.000080	0.00107	mg/L	0.000080	7.51%
Be†	401.2	0.00015	mg/L	0.000033	0.00015	mg/L	0.000033	21.66%
Ca†	10096.0	0.468	mg/L	0.0020	0.468	mg/L	0.0020	0.42%
Cd†	-0.8	-0.00003	mg/L	0.000209	-0.00003	mg/L	0.000209	835.57%
Co†	-1.9	-0.00007	mg/L	0.000018	-0.00007	mg/L	0.000018	27.18%
Cr†	7.6	0.00011	mg/L	0.000077	0.00011	mg/L	0.000077	69.54%
Cu†	2189.3	0.00527	mg/L	0.000250	0.00527	mg/L	0.000250	4.75%
Fe†	1044.5	0.0916	mg/L	0.00060	0.0916	mg/L	0.00060	0.65%
K†	96.2	0.0648	mg/L	0.01271	0.0648	mg/L	0.01271	19.60%
Mg†	1327.3	0.0682	mg/L	0.00035	0.0682	mg/L	0.00035	0.52%
Mn†	3944.0	0.00759	mg/L	0.000182	0.00759	mg/L	0.000182	2.40%
Mo†	11.6	0.00073	mg/L	0.000051	0.00073	mg/L	0.000051	6.99%
Na†	1828.1	0.625	mg/L	0.0028	0.625	mg/L	0.0028	0.45%
Ni†	5.4	0.00025	mg/L	0.000053	0.00025	mg/L	0.000053	21.37%
Pb†	-0.5	-0.00010	mg/L	0.001176	-0.00010	mg/L	0.001176	>999.9%
Sb†	-2.5	-0.00099	mg/L	0.000029	-0.00099	mg/L	0.000029	2.90%
Se†	-0.8	-0.00045	mg/L	0.000228	-0.00045	mg/L	0.000228	50.72%
Tl†	9.2	0.00290	mg/L	0.003122	0.00290	mg/L	0.003122	107.68%
V†	11.7	0.00008	mg/L	0.000127	0.00008	mg/L	0.000127	165.52%
Zn†	544.7	0.0107	mg/L	0.00042	0.0107	mg/L	0.00042	3.92%
Alx†	3848.8	42.0	ug/L	0.90	0.0420	mg/L	0.00090	2.14%
Bex†	401.2	0.152	ug/L	0.0329	0.00015	mg/L	0.000033	21.66%

Sequence No.: 30
Sample ID: 2603140472
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 48
Date Collected: 3/30/2006 09:23:56
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603140472

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603140472

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	405718.5	93.2	%	1.19				1.28%
Yr	375189.5	86.0	%	0.02				0.02%
Ag†	47.7	0.00018	mg/L	0.000050	0.00018	mg/L	0.000050	27.70%
Al†	68.5	0.0108	mg/L	0.00129	0.0108	mg/L	0.00129	11.89%
As†	1.8	0.00069	mg/L	0.000688	0.00069	mg/L	0.000688	99.31%
B_†	354.2	0.0116	mg/L	0.00007	0.0116	mg/L	0.00007	0.56%
Ba†	36.7	0.00050	mg/L	0.000009	0.00050	mg/L	0.000009	1.83%
Be†	497.7	0.00019	mg/L	0.000007	0.00019	mg/L	0.000007	3.52%
Ca†	3266.4	0.151	mg/L	0.0029	0.151	mg/L	0.0029	1.91%
Cd†	-1.0	-0.00003	mg/L	0.000049	-0.00003	mg/L	0.000049	148.64%
Co†	-0.6	-0.00002	mg/L	0.000029	-0.00002	mg/L	0.000029	149.89%
Cr†	-29.4	-0.00043	mg/L	0.000158	-0.00043	mg/L	0.000158	36.63%
Cu†	417.9	0.00101	mg/L	0.000082	0.00101	mg/L	0.000082	8.16%
Fe†	95.4	0.00837	mg/L	0.000242	0.00837	mg/L	0.000242	2.89%
K†	21.8	0.0147	mg/L	0.01654	0.0147	mg/L	0.01654	112.61%
Mg†	467.8	0.0240	mg/L	0.00017	0.0240	mg/L	0.00017	0.73%
Mn†	2245.0	0.00432	mg/L	0.000005	0.00432	mg/L	0.000005	0.12%
Mo†	6.0	0.00038	mg/L	0.000128	0.00038	mg/L	0.000128	33.64%
Na†	487.0	0.166	mg/L	0.0177	0.166	mg/L	0.0177	10.64%
Ni†	-0.3	-0.00001	mg/L	0.000013	-0.00001	mg/L	0.000013	98.60%
Pb†	0.6	0.00013	mg/L	0.000539	0.00013	mg/L	0.000539	400.90%
Sb†	5.3	0.00211	mg/L	0.001033	0.00211	mg/L	0.001033	48.90%
Se†	6.4	0.00373	mg/L	0.003839	0.00373	mg/L	0.003839	102.94%
Tl†	11.3	0.00355	mg/L	0.001227	0.00355	mg/L	0.001227	34.55%
V†	13.0	0.00009	mg/L	0.000371	0.00009	mg/L	0.000371	436.01%
Zn†	184.2	0.00362	mg/L	0.000066	0.00362	mg/L	0.000066	1.83%
Alx†	916.5	10.0	ug/L	0.52	0.0100	mg/L	0.00052	5.21%
Bex†	497.7	0.189	ug/L	0.0066	0.00019	mg/L	0.000007	3.52%

Sequence No.: 31
Sample ID: 2603140436_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 49
Date Collected: 3/30/2006 09:27:36
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603140436_2X

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603140436_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	366807.4	84.2	%	1.11				1.32%
Yr	351437.6	80.5	%	3.19				3.96%
Agt	-56.0	-0.00021	mg/L	0.000096	-0.00042	mg/L	0.000192	45.81%
Alt	10779.7	1.70	mg/L	0.055	3.40	mg/L	0.111	3.25%
Ast	26.0	0.0101	mg/L	0.00040	0.0203	mg/L	0.00080	3.93%
B_t	20447.3	0.670	mg/L	0.0000	1.34	mg/L	0.000	0.00%
Bat	2835.4	0.0388	mg/L	0.00015	0.0776	mg/L	0.00031	0.40%
Bet	166.2	0.00006	mg/L	0.000022	0.00013	mg/L	0.000044	34.64%
Cat	1466464.5	68.0	mg/L	0.05	136	mg/L	0.1	0.08%
Cdt	-15.2	-0.00050	mg/L	0.000371	-0.00101	mg/L	0.000742	73.81%
Cot	18.0	0.00061	mg/L	0.000244	0.00122	mg/L	0.000487	39.94%
Crt	1996.5	0.0293	mg/L	0.00039	0.0586	mg/L	0.00077	1.32%
Cut	1443.2	0.00348	mg/L	0.000412	0.00695	mg/L	0.000824	11.85%
Fet	16135.7	1.42	mg/L	0.038	2.83	mg/L	0.076	2.67%
Kt	11468.1	7.73	mg/L	0.255	15.5	mg/L	0.51	3.30%
Mgt	525154.2	27.0	mg/L	0.09	54.0	mg/L	0.19	0.35%
Mnt	20438.7	0.0393	mg/L	0.00007	0.0787	mg/L	0.00014	0.17%
Mot	162.3	0.0103	mg/L	0.00003	0.0205	mg/L	0.00005	0.25%
Nat	436136.9	149	mg/L	0.3	298	mg/L	0.5	0.18%
Nit	17.6	0.00081	mg/L	0.000176	0.00162	mg/L	0.000351	21.67%
Pbt	-27.7	-0.00585	mg/L	0.001212	-0.0117	mg/L	0.00242	20.70%
Sbt	19.7	0.00727	mg/L	0.000395	0.0145	mg/L	0.00079	5.44%
Set	-33.0	-0.0193	mg/L	0.00066	-0.0386	mg/L	0.00132	3.43%
Tlt	106.8	0.0337	mg/L	0.00304	0.0674	mg/L	0.00608	9.02%
Vt	3047.5	0.0199	mg/L	0.00005	0.0398	mg/L	0.00011	0.27%
Znt	1241.9	0.0244	mg/L	0.00013	0.0489	mg/L	0.00025	0.51%
Alxt	145701.6	1590	ug/L	4.2	3.18	mg/L	0.008	0.27%
Bext	166.2	0.0630	ug/L	0.02182	0.00013	mg/L	0.000044	34.64%

Sequence No.: 32
Sample ID: 2603150120_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 50
Date Collected: 3/30/2006 09:31:21
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150120_2X

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603150120_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	376467.9	86.4	%	0.55				0.63%
Yr	351200.7	80.5	%	0.82				1.02%
Ag†	-640.6	-0.00240	mg/L	0.000494	-0.00480	mg/L	0.000989	20.60%
Al†	54500.0	8.61	mg/L	0.005	17.2	mg/L	0.01	0.06%
As†	20.3	0.00790	mg/L	0.000453	0.0158	mg/L	0.00091	5.74%
B_†	8607.7	0.282	mg/L	0.0013	0.564	mg/L	0.0026	0.46%
Ba†	7356.6	0.101	mg/L	0.0008	0.201	mg/L	0.0016	0.81%
Be†	1207.8	0.00046	mg/L	0.000035	0.00092	mg/L	0.000071	7.73%
Ca†	1288289.2	59.7	mg/L	1.59	119	mg/L	3.2	2.66%
Cd†	0.8	0.00003	mg/L	0.000123	0.00005	mg/L	0.000246	468.21%
Co†	131.3	0.00445	mg/L	0.000034	0.00890	mg/L	0.000069	0.77%
Cr†	1952.3	0.0286	mg/L	0.00003	0.0573	mg/L	0.00006	0.10%
Cu†	9589.9	0.0231	mg/L	0.00002	0.0462	mg/L	0.00005	0.10%
Fe†	81127.7	7.12	mg/L	0.001	14.2	mg/L	0.00	0.02%
K†	9091.8	6.13	mg/L	0.031	12.3	mg/L	0.06	0.50%
Mg†	571123.9	29.3	mg/L	0.01	58.7	mg/L	0.03	0.05%
Mn†	177102.0	0.341	mg/L	0.0008	0.682	mg/L	0.0016	0.23%
Mo†	53.2	0.00336	mg/L	0.000281	0.00673	mg/L	0.000563	8.37%
Na†	245455.0	83.9	mg/L	2.45	168	mg/L	4.9	2.92%
Ni†	448.6	0.0206	mg/L	0.00051	0.0412	mg/L	0.00101	2.45%
Pb†	63.6	0.0135	mg/L	0.00048	0.0269	mg/L	0.00097	3.60%
Sb†	26.3	0.00991	mg/L	0.000147	0.0198	mg/L	0.00029	1.49%
Se†	-39.9	-0.0233	mg/L	0.00060	-0.0467	mg/L	0.00119	2.55%
Tl†	76.3	0.0241	mg/L	0.00160	0.0481	mg/L	0.00320	6.65%
V†	6406.0	0.0419	mg/L	0.00030	0.0837	mg/L	0.00061	0.72%
Zn†	111538.6	2.19	mg/L	0.008	4.39	mg/L	0.015	0.35%
Alx†	720485.2	7870	ug/L	54.7	15.7	mg/L	0.11	0.70%
Bex†	1207.8	0.458	ug/L	0.0354	0.00092	mg/L	0.000071	7.73%

Sequence No.: 33
Sample ID: 2603210144_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 51
Date Collected: 3/30/2006 09:35:04
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210144_2X

Analyte	Back Pressure	Flow
All	272.0 kPa	0.65 L/min

Mean Data: 2603210144_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	364398.9	83.7	%	0.23				0.27%
Yr	352248.0	80.7	%	0.91				1.12%
Ag†	-119.3	-0.00045	mg/L	0.000245	-0.00089	mg/L	0.000489	54.70%
Al†	7852.1	1.24	mg/L	0.023	2.48	mg/L	0.046	1.85%
As†	48.6	0.0189	mg/L	0.00072	0.0378	mg/L	0.00145	3.83%
B_†	17974.9	0.589	mg/L	0.0001	1.18	mg/L	0.000	0.02%
Ba†	2896.6	0.0396	mg/L	0.00046	0.0792	mg/L	0.00092	1.17%
Be†	71.9	0.00003	mg/L	0.000018	0.00005	mg/L	0.000037	67.52%
Ca†	989754.9	45.9	mg/L	0.04	91.8	mg/L	0.07	0.08%
Cd†	-10.5	-0.00035	mg/L	0.000247	-0.00070	mg/L	0.000495	71.00%
Co†	1.4	0.00005	mg/L	0.000367	0.00010	mg/L	0.000734	771.64%
Cr†	593.4	0.00870	mg/L	0.000220	0.0174	mg/L	0.00044	2.53%
Cu†	1259.9	0.00303	mg/L	0.000008	0.00607	mg/L	0.000016	0.27%
Fe†	11063.2	0.971	mg/L	0.0140	1.94	mg/L	0.028	1.44%
K†	7887.3	5.31	mg/L	0.109	10.6	mg/L	0.22	2.05%
Mg†	460777.6	23.7	mg/L	0.07	47.3	mg/L	0.15	0.31%
Mn†	18311.7	0.0352	mg/L	0.00004	0.0705	mg/L	0.00008	0.12%
Mo†	117.0	0.00740	mg/L	0.000294	0.0148	mg/L	0.00059	3.98%
Na†	334400.4	114	mg/L	0.8	229	mg/L	1.6	0.68%
Ni†	4.7	0.00022	mg/L	0.000159	0.00043	mg/L	0.000317	73.35%
Pb†	-18.6	-0.00395	mg/L	0.000982	-0.00789	mg/L	0.001963	24.88%
Sb†	17.0	0.00659	mg/L	0.004192	0.0132	mg/L	0.00838	63.58%
Se†	-22.8	-0.0133	mg/L	0.00247	-0.0267	mg/L	0.00494	18.54%
Tl†	77.7	0.0245	mg/L	0.00128	0.0490	mg/L	0.00256	5.22%
V†	2780.4	0.0182	mg/L	0.00042	0.0363	mg/L	0.00083	2.29%
Zn†	1587.9	0.0312	mg/L	0.00001	0.0625	mg/L	0.00002	0.03%
Alx†	108123.9	1180	ug/L	7.3	2.36	mg/L	0.015	0.62%
Bex†	71.9	0.0272	ug/L	0.01838	0.00005	mg/L	0.000037	67.52%

Sequence No.: 34
Sample ID: 2603210150_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 52
Date Collected: 3/30/2006 09:38:46
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210150_2X

Analyte	Back Pressure	Flow
All	273.0 kPa	0.65 L/min

Mean Data: 2603210150_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	371449.3	85.3	%	0.60				0.71%
Yr	357860.2	82.0	%	1.47				1.79%
Agt	-20.0	-0.00008	mg/L	0.000069	-0.00015	mg/L	0.000138	91.90%
Alt	2613.3	0.413	mg/L	0.0153	0.825	mg/L	0.0306	3.71%
Ast	27.0	0.0105	mg/L	0.00138	0.0210	mg/L	0.00276	13.10%
B_t	7172.2	0.235	mg/L	0.0001	0.470	mg/L	0.0003	0.06%
Bat	1820.0	0.0249	mg/L	0.00018	0.0498	mg/L	0.00036	0.72%
Bet	57.6	0.00002	mg/L	0.000037	0.00004	mg/L	0.000074	170.62%
Cat	660717.4	30.6	mg/L	0.09	61.3	mg/L	0.17	0.28%
Cdt	-9.5	-0.00031	mg/L	0.000167	-0.00063	mg/L	0.000335	53.19%
Cot	8.4	0.00028	mg/L	0.000032	0.00057	mg/L	0.000064	11.30%
Crt	362.6	0.00532	mg/L	0.000152	0.0106	mg/L	0.00030	2.86%
Cut	2078.7	0.00501	mg/L	0.000508	0.0100	mg/L	0.00102	10.15%
Fet	4440.2	0.390	mg/L	0.0052	0.779	mg/L	0.0104	1.33%
Kt	7068.0	4.76	mg/L	0.002	9.52	mg/L	0.004	0.05%
Mgt	251617.1	12.9	mg/L	0.03	25.9	mg/L	0.05	0.21%
Mnt	47006.1	0.0904	mg/L	0.00032	0.181	mg/L	0.0006	0.35%
Mot	46.6	0.00294	mg/L	0.000240	0.00589	mg/L	0.000480	8.15%
Nat	235203.6	80.4	mg/L	0.19	161	mg/L	0.4	0.23%
Nit	0.7	0.00003	mg/L	0.000241	0.00007	mg/L	0.000483	705.33%
Pbt	-12.4	-0.00263	mg/L	0.000840	-0.00526	mg/L	0.001681	31.94%
Sbt	11.1	0.00432	mg/L	0.000380	0.00864	mg/L	0.000760	8.81%
Set	-16.8	-0.00984	mg/L	0.006581	-0.0197	mg/L	0.01316	66.88%
Tlt	56.7	0.0179	mg/L	0.00098	0.0358	mg/L	0.00196	5.49%
Vt	2290.7	0.0150	mg/L	0.00018	0.0299	mg/L	0.00037	1.22%
Znt	1513.1	0.0298	mg/L	0.00036	0.0595	mg/L	0.00073	1.23%
Alxt	35732.6	390	ug/L	3.7	0.780	mg/L	0.0074	0.94%
Bext	57.6	0.0218	ug/L	0.03721	0.00004	mg/L	0.000074	170.62%

Sequence No.: 35
Sample ID: 2603210153_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 53
Date Collected: 3/30/2006 09:42:30
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210153_2X

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: 2603210153_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	368274.9	84.6	%	0.21				0.25%
Yr	353622.6	81.0	%	2.54				3.14%
Ag†	-488.9	-0.00183	mg/L	0.000116	-0.00366	mg/L	0.000232	6.34%
Al†	59289.7	9.36	mg/L	0.012	18.7	mg/L	0.02	0.13%
As†	67.5	0.0263	mg/L	0.00090	0.0525	mg/L	0.00181	3.44%
B_†	17970.3	0.589	mg/L	0.0033	1.18	mg/L	0.007	0.56%
Ba†	11103.7	0.152	mg/L	0.0009	0.304	mg/L	0.0018	0.58%
Be†	1696.9	0.00064	mg/L	0.000013	0.00129	mg/L	0.000026	1.99%
Ca†	1476119.7	68.4	mg/L	4.25	137	mg/L	8.5	6.21%
Cd†	1.0	0.00003	mg/L	0.000025	0.00007	mg/L	0.000050	72.73%
Co†	86.2	0.00292	mg/L	0.000185	0.00584	mg/L	0.000370	6.34%
Cr†	1279.5	0.0188	mg/L	0.00013	0.0375	mg/L	0.00027	0.71%
Cu†	12263.7	0.0295	mg/L	0.00000	0.0591	mg/L	0.00001	0.01%
Fe†	68732.4	6.03	mg/L	0.023	12.1	mg/L	0.05	0.38%
K†	10506.8	7.08	mg/L	0.038	14.2	mg/L	0.08	0.53%
Mg†	793315.2	40.8	mg/L	2.45	81.5	mg/L	4.90	6.01%
Mn†	160087.1	0.308	mg/L	0.0008	0.616	mg/L	0.0017	0.27%
Mo†	346.8	0.0219	mg/L	0.00000	0.0439	mg/L	0.00001	0.02%
Na†	467115.0	160	mg/L	9.3	319	mg/L	18.6	5.83%
Ni†	148.5	0.00683	mg/L	0.000245	0.0137	mg/L	0.00049	3.59%
Pb†	15.7	0.00333	mg/L	0.001232	0.00666	mg/L	0.002463	37.00%
Sb†	21.9	0.00836	mg/L	0.001261	0.0167	mg/L	0.00252	15.08%
Se†	-44.3	-0.0259	mg/L	0.00211	-0.0518	mg/L	0.00422	8.15%
Tl†	90.2	0.0285	mg/L	0.00084	0.0569	mg/L	0.00168	2.95%
V†	3533.2	0.0231	mg/L	0.00001	0.0462	mg/L	0.00002	0.03%
Zn†	2377.7	0.0467	mg/L	0.00028	0.0935	mg/L	0.00056	0.60%
Alx†	812847.0	8870	ug/L	10.4	17.7	mg/L	0.02	0.12%
Bex†	1696.9	0.643	ug/L	0.0128	0.00129	mg/L	0.000026	1.99%

Sequence No.: 36
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/30/2006 09:46:16
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	351835.1	80.8	%	0.12				0.15%
Yr	331601.1	76.0	%	0.71				0.94%
Ag†	266184.7	0.997	mg/L	0.0015	0.997	mg/L	0.0015	0.15%
QC value within limits for Ag		Recovery = 99.72%						
Al†	32029.3	5.06	mg/L	0.013	5.06	mg/L	0.013	0.26%
QC value within limits for Al		Recovery = 101.17%						
As†	12022.7	4.68	mg/L	0.051	4.68	mg/L	0.051	1.09%
QC value within limits for As		Recovery = 93.60%						
B_†	70642.7	2.31	mg/L	0.012	2.31	mg/L	0.012	0.53%
QC value within limits for B_		Recovery = 92.59%						
Ba†	380152.3	5.20	mg/L	0.020	5.20	mg/L	0.020	0.39%
QC value within limits for Ba		Recovery = 103.98%						
Be†	5371377.1	2.04	mg/L	0.005	2.04	mg/L	0.005	0.27%
QC value within limits for Be		Recovery = 101.77%						
Ca†	1064505.5	49.3	mg/L	0.02	49.3	mg/L	0.02	0.04%
QC value within limits for Ca		Recovery = 98.69%						
Cd†	76356.6	2.53	mg/L	0.016	2.53	mg/L	0.016	0.64%
QC value within limits for Cd		Recovery = 101.35%						
Co†	149827.9	5.08	mg/L	0.014	5.08	mg/L	0.014	0.28%
QC value within limits for Co		Recovery = 101.56%						
Cr†	346274.0	5.08	mg/L	0.021	5.08	mg/L	0.021	0.42%
QC value within limits for Cr		Recovery = 101.59%						
Cu†	1981525.4	4.77	mg/L	0.000	4.77	mg/L	0.000	0.01%
QC value within limits for Cu		Recovery = 95.44%						
Fe†	57784.8	5.07	mg/L	0.011	5.07	mg/L	0.011	0.22%
QC value within limits for Fe		Recovery = 101.40%						
K†	72110.1	48.6	mg/L	0.03	48.6	mg/L	0.03	0.05%
QC value within limits for K		Recovery = 97.17%						
Mg†	998422.8	51.3	mg/L	0.07	51.3	mg/L	0.07	0.13%
QC value within limits for Mg		Recovery = 102.59%						
Mn†	2684489.1	5.17	mg/L	0.018	5.17	mg/L	0.018	0.35%
QC value within limits for Mn		Recovery = 103.31%						
Mo†	81893.9	5.18	mg/L	0.042	5.18	mg/L	0.042	0.81%
QC value within limits for Mo		Recovery = 103.56%						
Na†	144796.2	49.5	mg/L	0.09	49.5	mg/L	0.09	0.19%
QC value within limits for Na		Recovery = 98.98%						
Ni†	112651.5	5.18	mg/L	0.012	5.18	mg/L	0.012	0.23%
QC value within limits for Ni		Recovery = 103.55%						
Pb†	24418.3	5.17	mg/L	0.024	5.17	mg/L	0.024	0.46%
QC value within limits for Pb		Recovery = 103.38%						
Sb†	12450.5	4.86	mg/L	0.025	4.86	mg/L	0.025	0.52%
QC value within limits for Sb		Recovery = 97.19%						
Se†	8172.7	4.78	mg/L	0.047	4.78	mg/L	0.047	0.98%
QC value within limits for Se		Recovery = 95.52%						
Tl†	16690.9	5.27	mg/L	0.022	5.27	mg/L	0.022	0.41%
QC value within limits for Tl		Recovery = 105.32%						
V†	777248.2	5.08	mg/L	0.015	5.08	mg/L	0.015	0.30%
QC value within limits for V		Recovery = 101.58%						
Zn†	258879.8	5.06	mg/L	0.004	5.06	mg/L	0.004	0.08%
QC value within limits for Zn		Recovery = 101.18%						
Alx†	421015.2	4600	ug/L	3.7	4.60	mg/L	0.004	0.08%
QC value within limits for Alx		Recovery = 91.93%						
Bex†	5371377.1	2040	ug/L	5.5	2.04	mg/L	0.005	0.27%
QC value within limits for Bex		Recovery = 101.77%						

All analyte(s) passed QC.

Sequence No.: 37
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 09:49:30
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Sca	378288.0	86.9	%	0.40				0.46%
Yr	357379.8	81.9	%	0.61				0.75%
Ag†	63.6	0.00024	mg/L	0.000305	0.00024	mg/L	0.000305	127.96%
QC value within limits for Ag	Recovery = Not calculated							
Al†	-8.1	-0.00128	mg/L	0.000413	-0.00128	mg/L	0.000413	32.21%
QC value within limits for Al	Recovery = Not calculated							
As†	21.3	0.00831	mg/L	0.001978	0.00831	mg/L	0.001978	23.81%
QC value within limits for As	Recovery = Not calculated							
B_†	626.3	0.0205	mg/L	0.00080	0.0205	mg/L	0.00080	3.89%
QC value greater than the upper limit for B_	Recovery = Not calculated							
Ba†	-1.5	-0.00002	mg/L	0.000044	-0.00002	mg/L	0.000044	211.03%
QC value within limits for Ba	Recovery = Not calculated							
Be†	429.1	0.00016	mg/L	0.000003	0.00016	mg/L	0.000003	1.96%
QC value within limits for Be	Recovery = Not calculated							
Ca†	-30.1	-0.00139	mg/L	0.000456	-0.00139	mg/L	0.000456	32.69%
QC value within limits for Ca	Recovery = Not calculated							
Cd†	9.7	0.00032	mg/L	0.000231	0.00032	mg/L	0.000231	71.50%
QC value within limits for Cd	Recovery = Not calculated							
Co†	-5.0	-0.00017	mg/L	0.000237	-0.00017	mg/L	0.000237	140.23%
QC value within limits for Co	Recovery = Not calculated							
Cr†	-4.4	-0.00006	mg/L	0.000066	-0.00006	mg/L	0.000066	102.50%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	115.9	0.00028	mg/L	0.000016	0.00028	mg/L	0.000016	5.91%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	5.4	0.00047	mg/L	0.000018	0.00047	mg/L	0.000018	3.89%
QC value within limits for Fe	Recovery = Not calculated							
K†	-49.5	-0.0333	mg/L	0.04386	-0.0333	mg/L	0.04386	131.61%
QC value within limits for K	Recovery = Not calculated							
Mg†	54.1	0.00278	mg/L	0.000034	0.00278	mg/L	0.000034	1.23%
QC value within limits for Mg	Recovery = Not calculated							
Mn†	80.4	0.00015	mg/L	0.000022	0.00015	mg/L	0.000022	14.29%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	35.9	0.00227	mg/L	0.000307	0.00227	mg/L	0.000307	13.53%
QC value within limits for Mo	Recovery = Not calculated							
Na†	64.9	0.0222	mg/L	0.01315	0.0222	mg/L	0.01315	59.24%
QC value within limits for Na	Recovery = Not calculated							
Ni†	-5.9	-0.00027	mg/L	0.000030	-0.00027	mg/L	0.000030	11.19%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	0.4	0.00008	mg/L	0.000753	0.00008	mg/L	0.000753	901.79%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	6.3	0.00253	mg/L	0.000071	0.00253	mg/L	0.000071	2.81%
QC value within limits for Sb	Recovery = Not calculated							
Se†	1.1	0.00065	mg/L	0.001408	0.00065	mg/L	0.001408	216.09%
QC value within limits for Se	Recovery = Not calculated							
Tl†	18.9	0.00595	mg/L	0.001143	0.00595	mg/L	0.001143	19.20%
QC value within limits for Tl	Recovery = Not calculated							
V†	-35.9	-0.00023	mg/L	0.000126	-0.00023	mg/L	0.000126	53.87%
QC value within limits for V	Recovery = Not calculated							
Zn†	28.0	0.00055	mg/L	0.000258	0.00055	mg/L	0.000258	46.70%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	68.6	0.749	ug/L	0.0220	0.00075	mg/L	0.000022	2.94%
QC value within limits for Alx	Recovery = Not calculated							
Bex†	429.1	0.163	ug/L	0.0032	0.00016	mg/L	0.000003	1.96%
QC value within limits for Bex	Recovery = Not calculated							

QC Failed. Retry.

Sequence No.: 38
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 09:52:06
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	275.0 kPa	0.65 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	376572.0	86.5	%	0.98				1.14%
Yr	347864.8	79.7	%	0.39				0.49%
Ag†	81.8	0.00031	mg/L	0.000158	0.00031	mg/L	0.000158	51.52%
QC value within limits for Ag	Recovery = Not calculated							
Al†	7.8	0.00123	mg/L	0.000647	0.00123	mg/L	0.000647	52.62%
QC value within limits for Al	Recovery = Not calculated							
As†	11.8	0.00461	mg/L	0.001844	0.00461	mg/L	0.001844	40.02%
QC value within limits for As	Recovery = Not calculated							
B_†	455.6	0.0149	mg/L	0.00004	0.0149	mg/L	0.00004	0.25%
QC value within limits for B_	Recovery = Not calculated							
Ba†	-3.3	-0.00005	mg/L	0.000075	-0.00005	mg/L	0.000075	164.74%
QC value within limits for Ba	Recovery = Not calculated							
Be†	272.2	0.00010	mg/L	0.000055	0.00010	mg/L	0.000055	53.14%
QC value within limits for Be	Recovery = Not calculated							
Ca†	-13.5	-0.00062	mg/L	0.000892	-0.00062	mg/L	0.000892	143.05%
QC value within limits for Ca	Recovery = Not calculated							
Cd†	7.9	0.00026	mg/L	0.000062	0.00026	mg/L	0.000062	23.74%
QC value within limits for Cd	Recovery = Not calculated							
Co†	-0.0	0.00000	mg/L	0.000026	0.00000	mg/L	0.000026	>999.9%
QC value within limits for Co	Recovery = Not calculated							
Cr†	-10.4	-0.00015	mg/L	0.000094	-0.00015	mg/L	0.000094	61.59%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	161.3	0.00039	mg/L	0.000086	0.00039	mg/L	0.000086	22.23%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	-12.3	-0.00108	mg/L	0.000371	-0.00108	mg/L	0.000371	34.32%
QC value within limits for Fe	Recovery = Not calculated							
K†	51.4	0.0346	mg/L	0.06697	0.0346	mg/L	0.06697	193.42%
QC value within limits for K	Recovery = Not calculated							
Mg†	51.0	0.00262	mg/L	0.000009	0.00262	mg/L	0.000009	0.34%
QC value within limits for Mg	Recovery = Not calculated							
Mn†	59.1	0.00011	mg/L	0.000024	0.00011	mg/L	0.000024	21.47%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	19.1	0.00121	mg/L	0.000024	0.00121	mg/L	0.000024	1.99%
QC value within limits for Mo	Recovery = Not calculated							
Na†	30.2	0.0103	mg/L	0.00141	0.0103	mg/L	0.00141	13.69%
QC value within limits for Na	Recovery = Not calculated							
Ni†	-0.0	0.00000	mg/L	0.000176	0.00000	mg/L	0.000176	>999.9%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	-5.7	-0.00121	mg/L	0.000213	-0.00121	mg/L	0.000213	17.65%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	3.4	0.00137	mg/L	0.001077	0.00137	mg/L	0.001077	78.49%
QC value within limits for Sb	Recovery = Not calculated							
Se†	-0.7	-0.00043	mg/L	0.000178	-0.00043	mg/L	0.000178	40.93%
QC value within limits for Se	Recovery = Not calculated							
Tl†	5.9	0.00186	mg/L	0.002400	0.00186	mg/L	0.002400	128.78%
QC value within limits for Tl	Recovery = Not calculated							
V†	-2.2	-0.00001	mg/L	0.000085	-0.00001	mg/L	0.000085	581.09%
QC value within limits for V	Recovery = Not calculated							
Zn†	23.2	0.00046	mg/L	0.000130	0.00046	mg/L	0.000130	28.40%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	74.6	0.814	ug/L	0.1447	0.00081	mg/L	0.000145	17.77%
QC value within limits for Alx	Recovery = Not calculated							
Bex†	272.2	0.103	ug/L	0.0548	0.00010	mg/L	0.000055	53.14%

QC value within limits for Bex Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 39
Sample ID: MCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 3/30/2006 09:55:32
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MCV

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: MCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	362628.8	83.3	%	1.00				1.20%
Yr	349490.0	80.1	%	0.06				0.08%
Ag†	130883.6	0.490	mg/L	0.0015	0.490	mg/L	0.0015	0.30%
QC value within limits for Ag	Recovery = 98.06%							
Al†	15757.1	2.49	mg/L	0.008	2.49	mg/L	0.008	0.32%
QC value within limits for Al	Recovery = 99.54%							
As†	5872.6	2.29	mg/L	0.027	2.29	mg/L	0.027	1.19%
QC value within limits for As	Recovery = 91.44%							
B_†	34734.9	1.14	mg/L	0.004	1.14	mg/L	0.004	0.37%
QC value within limits for B_	Recovery = 91.06%							
Ba†	188944.0	2.58	mg/L	0.003	2.58	mg/L	0.003	0.11%
QC value within limits for Ba	Recovery = 103.36%							
Be†	2640388.2	1.00	mg/L	0.021	1.00	mg/L	0.021	2.10%
QC value within limits for Be	Recovery = 100.05%							
Ca†	526510.8	24.4	mg/L	0.01	24.4	mg/L	0.01	0.06%
QC value within limits for Ca	Recovery = 97.63%							
Cd†	37291.8	1.24	mg/L	0.014	1.24	mg/L	0.014	1.17%
QC value within limits for Cd	Recovery = 98.99%							
Co†	74780.4	2.53	mg/L	0.000	2.53	mg/L	0.000	0.01%
QC value within limits for Co	Recovery = 101.38%							
Cr†	171490.0	2.52	mg/L	0.004	2.52	mg/L	0.004	0.18%
QC value within limits for Cr	Recovery = 100.62%							
Cu†	972039.4	2.34	mg/L	0.050	2.34	mg/L	0.050	2.16%
QC value within limits for Cu	Recovery = 93.64%							
Fe†	28488.6	2.50	mg/L	0.003	2.50	mg/L	0.003	0.12%
QC value within limits for Fe	Recovery = 99.99%							
K†	35388.6	23.8	mg/L	0.13	23.8	mg/L	0.13	0.56%
QC value within limits for K	Recovery = 95.38%							
Mg†	492709.6	25.3	mg/L	0.03	25.3	mg/L	0.03	0.13%
QC value within limits for Mg	Recovery = 101.26%							
Mn†	1344002.4	2.59	mg/L	0.053	2.59	mg/L	0.053	2.06%
QC value within limits for Mn	Recovery = 103.44%							
Mo†	40254.6	2.55	mg/L	0.036	2.55	mg/L	0.036	1.40%
QC value within limits for Mo	Recovery = 101.81%							
Na†	71510.8	24.4	mg/L	0.10	24.4	mg/L	0.10	0.42%
QC value within limits for Na	Recovery = 97.77%							
Ni†	56272.8	2.59	mg/L	0.001	2.59	mg/L	0.001	0.02%
QC value within limits for Ni	Recovery = 103.46%							
Pb†	12110.3	2.56	mg/L	0.035	2.56	mg/L	0.035	1.37%
QC value within limits for Pb	Recovery = 102.54%							
Sb†	6085.1	2.37	mg/L	0.024	2.37	mg/L	0.024	1.02%
QC value within limits for Sb	Recovery = 94.97%							
Se†	3964.9	2.32	mg/L	0.035	2.32	mg/L	0.035	1.50%
QC value within limits for Se	Recovery = 92.68%							
Tl†	8261.3	2.61	mg/L	0.034	2.61	mg/L	0.034	1.32%
QC value within limits for Tl	Recovery = 104.26%							
V†	381206.0	2.49	mg/L	0.004	2.49	mg/L	0.004	0.17%
QC value within limits for V	Recovery = 99.64%							
Zn†	128355.1	2.51	mg/L	0.001	2.51	mg/L	0.001	0.04%
QC value within limits for Zn	Recovery = 100.33%							
Alx†	205451.1	2240	ug/L	4.9	2.24	mg/L	0.005	0.22%
QC value less than the lower limit for Alx	Recovery = 89.72%							
Bex†	2640388.2	1000	ug/L	21.1	1.00	mg/L	0.021	2.10%
QC value within limits for Bex	Recovery = 100.05%							

QC Failed. Retry.

Sequence No.: 40
Sample ID: MCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 3/30/2006 09:57:41
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MCV

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: MCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	364279.2	83.6	%	0.73				0.88%
Yr	342238.6	78.4	%	0.89				1.13%
Ag†	130666.9	0.490	mg/L	0.0005	0.490	mg/L	0.0005	0.10%
QC value within limits for Ag	Recovery = 97.90%							
Al†	15566.0	2.46	mg/L	0.000	2.46	mg/L	0.000	0.00%
QC value within limits for Al	Recovery = 98.33%							
As†	5887.1	2.29	mg/L	0.006	2.29	mg/L	0.006	0.27%
QC value within limits for As	Recovery = 91.67%							
B_†	35092.6	1.15	mg/L	0.001	1.15	mg/L	0.001	0.05%
QC value within limits for B_	Recovery = 91.99%							
Ba†	188661.2	2.58	mg/L	0.006	2.58	mg/L	0.006	0.22%
QC value within limits for Ba	Recovery = 103.20%							
Be†	2666533.6	1.01	mg/L	0.003	1.01	mg/L	0.003	0.26%
QC value within limits for Be	Recovery = 101.04%							
Ca†	524082.5	24.3	mg/L	0.04	24.3	mg/L	0.04	0.18%
QC value within limits for Ca	Recovery = 97.18%							
Cd†	37137.0	1.23	mg/L	0.006	1.23	mg/L	0.006	0.51%
QC value within limits for Cd	Recovery = 98.58%							
Co†	74563.8	2.53	mg/L	0.008	2.53	mg/L	0.008	0.30%
QC value within limits for Co	Recovery = 101.08%							
Cr†	171394.3	2.51	mg/L	0.004	2.51	mg/L	0.004	0.15%
QC value within limits for Cr	Recovery = 100.56%							
Cu†	978863.9	2.36	mg/L	0.000	2.36	mg/L	0.000	0.02%
QC value within limits for Cu	Recovery = 94.30%							
Fe†	28272.3	2.48	mg/L	0.000	2.48	mg/L	0.000	0.00%
QC value within limits for Fe	Recovery = 99.23%							
K†	34958.1	23.6	mg/L	0.01	23.6	mg/L	0.01	0.05%
QC value within limits for K	Recovery = 94.22%							
Mg†	492411.6	25.3	mg/L	0.00	25.3	mg/L	0.00	0.01%
QC value within limits for Mg	Recovery = 101.19%							
Mn†	1354621.6	2.61	mg/L	0.004	2.61	mg/L	0.004	0.14%
QC value within limits for Mn	Recovery = 104.26%							
Mo†	40175.1	2.54	mg/L	0.013	2.54	mg/L	0.013	0.49%
QC value within limits.for Mo	Recovery = 101.61%							
Na†	70172.2	24.0	mg/L	0.01	24.0	mg/L	0.01	0.06%
QC value within limits for Na	Recovery = 95.94%							
Ni†	56226.6	2.58	mg/L	0.005	2.58	mg/L	0.005	0.19%
QC value within limits for Ni	Recovery = 103.37%							
Pb†	12058.5	2.55	mg/L	0.012	2.55	mg/L	0.012	0.48%
QC value within limits for Pb	Recovery = 102.10%							
Sb†	6044.1	2.36	mg/L	0.010	2.36	mg/L	0.010	0.43%
QC value within limits for Sb	Recovery = 94.32%							
Se†	3957.0	2.31	mg/L	0.006	2.31	mg/L	0.006	0.24%
QC value within limits for Se	Recovery = 92.50%							
Tl†	8264.1	2.61	mg/L	0.013	2.61	mg/L	0.013	0.48%
QC value within limits for Tl	Recovery = 104.30%							
V†	381296.7	2.49	mg/L	0.003	2.49	mg/L	0.003	0.11%
QC value within limits for V	Recovery = 99.67%							
Zn†	128213.5	2.51	mg/L	0.003	2.51	mg/L	0.003	0.13%
QC value within limits for Zn	Recovery = 100.22%							
Alx†	203123.8	2220	ug/L	2.9	2.22	mg/L	0.003	0.13%
QC value less than the lower limit for Alx	Recovery = 88.70%							
Bex†	2666533.6	1010	ug/L	2.7	1.01	mg/L	0.003	0.26%

QC value within limits for Bex Recovery = 101.04%
QC Failed. Continue with analysis.

Sequence No.: 41
Sample ID: 2603210155_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 54
Date Collected: 3/30/2006 10:01:23
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210155_2X

Analyte	Back Pressure	Flow
All	274.0 kPa	0.65 L/min

Mean Data: 2603210155_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	367476.1	84.4	%	1.80				2.14%
Yr	334500.8	76.7	%	0.32				0.42%
Agt	-40.2	-0.00015	mg/L	0.000103	-0.00030	mg/L	0.000206	68.35%
Alt	12527.1	1.98	mg/L	0.002	3.96	mg/L	0.003	0.08%
Ast	74.5	0.0290	mg/L	0.00013	0.0580	mg/L	0.00027	0.46%
B_t	18275.6	0.599	mg/L	0.0010	1.20	mg/L	0.002	0.16%
Bat	3207.0	0.0439	mg/L	0.00098	0.0877	mg/L	0.00196	2.24%
Bet	218.4	0.00008	mg/L	0.000002	0.00017	mg/L	0.000005	2.98%
Cat	1063803.9	49.3	mg/L	0.25	98.6	mg/L	0.50	0.51%
Cdt	2.1	0.00007	mg/L	0.000050	0.00014	mg/L	0.000100	71.00%
Cot	22.7	0.00077	mg/L	0.000011	0.00154	mg/L	0.000021	1.38%
Crt	626.7	0.00919	mg/L	0.000395	0.0184	mg/L	0.00079	4.30%
Cut	1469.8	0.00354	mg/L	0.000034	0.00708	mg/L	0.000068	0.96%
Fet	17101.6	1.50	mg/L	0.008	3.00	mg/L	0.016	0.54%
Kt	8175.9	5.51	mg/L	0.055	11.0	mg/L	0.11	1.00%
Mgt	499699.4	25.7	mg/L	0.06	51.3	mg/L	0.12	0.24%
Mnt	17777.3	0.0342	mg/L	0.00007	0.0684	mg/L	0.00014	0.20%
Mot	147.9	0.00935	mg/L	0.000140	0.0187	mg/L	0.00028	1.50%
Nat	340125.5	116	mg/L	0.3	233	mg/L	0.6	0.27%
Nit	9.2	0.00042	mg/L	0.000326	0.00084	mg/L	0.000653	77.45%
Pbt	-18.1	-0.00382	mg/L	0.000082	-0.00765	mg/L	0.000164	2.15%
Sbt	12.7	0.00487	mg/L	0.003045	0.00974	mg/L	0.006090	62.51%
Set	-21.2	-0.0124	mg/L	0.00448	-0.0248	mg/L	0.00895	36.10%
Tlt	94.1	0.0297	mg/L	0.00058	0.0594	mg/L	0.00115	1.94%
Vt	2897.6	0.0189	mg/L	0.00051	0.0379	mg/L	0.00103	2.72%
Znt	2303.8	0.0453	mg/L	0.00112	0.0906	mg/L	0.00223	2.47%
Alxt	170767.5	1860	ug/L	30.9	3.73	mg/L	0.062	1.66%
Bext	218.4	0.0827	ug/L	0.00247	0.00017	mg/L	0.000005	2.98%

Sequence No.: 42
Sample ID: 2603210156_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 55
Date Collected: 3/30/2006 10:05:07
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210156_2X

Analyte	Back Pressure	Flow
All	275.0 kPa	0.65 L/min

Mean Data: 2603210156_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	366172.3	84.1	%	0.80				0.95%
Yr	349665.2	80.1	%	0.30				0.38%
Agt	-130.3	-0.00049	mg/L	0.000199	-0.00098	mg/L	0.000398	40.75%
Alt	5222.3	0.825	mg/L	0.0007	1.65	mg/L	0.001	0.08%
Ast	64.5	0.0251	mg/L	0.00047	0.0502	mg/L	0.00093	1.86%
B_t	17759.0	0.582	mg/L	0.0007	1.16	mg/L	0.001	0.12%
Bat	1892.2	0.0259	mg/L	0.00035	0.0518	mg/L	0.00070	1.35%
Bet	136.1	0.00005	mg/L	0.000010	0.00010	mg/L	0.000020	19.24%
Cat	956328.3	44.3	mg/L	0.02	88.7	mg/L	0.03	0.04%
Cdt	-9.3	-0.00031	mg/L	0.000283	-0.00062	mg/L	0.000566	91.27%
Cot	5.4	0.00018	mg/L	0.000212	0.00037	mg/L	0.000424	114.85%
Crt	525.9	0.00771	mg/L	0.000199	0.0154	mg/L	0.00040	2.58%
Cut	824.9	0.00199	mg/L	0.000121	0.00397	mg/L	0.000242	6.10%
Fet	6764.0	0.593	mg/L	0.0036	1.19	mg/L	0.007	0.60%
Kt	7532.7	5.08	mg/L	0.069	10.2	mg/L	0.14	1.37%
Mgt	445909.8	22.9	mg/L	0.02	45.8	mg/L	0.04	0.08%
Mnt	7872.2	0.0151	mg/L	0.00026	0.0303	mg/L	0.00051	1.69%
Mot	123.6	0.00781	mg/L	0.000391	0.0156	mg/L	0.00078	5.01%
Nat	325329.8	111	mg/L	0.4	222	mg/L	0.7	0.32%
Nit	-14.0	-0.00065	mg/L	0.000125	-0.00129	mg/L	0.000250	19.35%
Pbt	-19.3	-0.00408	mg/L	0.003159	-0.00816	mg/L	0.006319	77.45%
Sbt	12.8	0.00493	mg/L	0.002491	0.00987	mg/L	0.004982	50.48%
Set	-26.6	-0.0156	mg/L	0.00275	-0.0311	mg/L	0.00549	17.64%
Tlt	80.9	0.0255	mg/L	0.00178	0.0511	mg/L	0.00357	6.98%
Vt	2619.9	0.0171	mg/L	0.00037	0.0342	mg/L	0.00075	2.18%
Znt	1232.3	0.0242	mg/L	0.00024	0.0485	mg/L	0.00047	0.97%
Alxt	69996.4	764	ug/L	1.3	1.53	mg/L	0.003	0.17%
Bext	136.1	0.0516	ug/L	0.00992	0.00010	mg/L	0.000020	19.24%

Sequence No.: 43
Sample ID: 2603220347_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 56
Date Collected: 3/30/2006 10:08:50
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220347_2X

Analyte	Back Pressure	Flow
All	276.0 kPa	0.65 L/min

Mean Data: 2603220347_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	358721.5	82.4	%	0.95				1.15%
Yr	337920.0	77.4	%	1.16				1.50%
Ag†	-104.5	-0.00039	mg/L	0.000812	-0.00078	mg/L	0.001624	207.32%
Al†	7892.2	1.25	mg/L	0.021	2.49	mg/L	0.041	1.66%
As†	99.4	0.0387	mg/L	0.00259	0.0774	mg/L	0.00519	6.70%
B_†	18172.7	0.595	mg/L	0.0001	1.19	mg/L	0.000	0.01%
Ba†	2048.7	0.0280	mg/L	0.00025	0.0560	mg/L	0.00049	0.88%
Be†	7.4	0.00000	mg/L	0.000007	0.00001	mg/L	0.000015	261.11%
Ca†	1310930.2	60.8	mg/L	0.05	122	mg/L	0.1	0.08%
Cd†	3.2	0.00011	mg/L	0.000307	0.00021	mg/L	0.000613	288.19%
Co†	2.5	0.00009	mg/L	0.000320	0.00017	mg/L	0.000640	375.07%
Cr†	573.9	0.00842	mg/L	0.000026	0.0168	mg/L	0.00005	0.30%
Cu†	1880.8	0.00453	mg/L	0.000032	0.00906	mg/L	0.000063	0.70%
Fe†	9039.5	0.793	mg/L	0.0168	1.59	mg/L	0.034	2.12%
K†	8470.7	5.71	mg/L	0.169	11.4	mg/L	0.34	2.97%
Mg†	667239.0	34.3	mg/L	0.05	68.6	mg/L	0.10	0.14%
Mn†	19261.3	0.0371	mg/L	0.00028	0.0741	mg/L	0.00056	0.76%
Mo†	388.1	0.0245	mg/L	0.00037	0.0491	mg/L	0.00074	1.50%
Na†	481886.2	165	mg/L	0.6	329	mg/L	1.2	0.38%
Ni†	-6.3	-0.00029	mg/L	0.000162	-0.00058	mg/L	0.000324	55.72%
Pb†	-23.2	-0.00492	mg/L	0.001436	-0.00984	mg/L	0.002872	29.20%
Sb†	21.7	0.00850	mg/L	0.000131	0.0170	mg/L	0.00026	1.54%
Se†	-27.8	-0.0162	mg/L	0.00101	-0.0325	mg/L	0.00203	6.25%
Tl†	94.3	0.0297	mg/L	0.00170	0.0595	mg/L	0.00340	5.71%
V†	2340.3	0.0153	mg/L	0.00017	0.0306	mg/L	0.00034	1.10%
Zn†	252.6	0.00497	mg/L	0.000023	0.00994	mg/L	0.000046	0.46%
Alx†	104318.7	1140	ug/L	17.2	2.28	mg/L	0.034	1.51%
Bex†	7.4	0.00279	ug/L	0.007276	0.00001	mg/L	0.000015	261.11%

Sequence No.: 44
Sample ID: 2603220348_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 57
Date Collected: 3/30/2006 10:12:34
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220348_2X

Analyte	Back Pressure	Flow
All	278.0 kPa	0.65 L/min

Mean Data: 2603220348_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	363791.8	83.5	%	0.49				0.58%
Yr	337961.2	77.5	%	0.16				0.21%
Ag†	26.1	0.00010	mg/L	0.000503	0.00020	mg/L	0.001005	513.28%
Al†	2368.2	0.374	mg/L	0.0055	0.748	mg/L	0.0111	1.48%
As†	43.9	0.0171	mg/L	0.00130	0.0342	mg/L	0.00260	7.60%
B_†	7244.3	0.237	mg/L	0.0002	0.475	mg/L	0.0004	0.09%
Ba†	1401.6	0.0192	mg/L	0.00006	0.0383	mg/L	0.00011	0.30%
Be†	2.1	0.00000	mg/L	0.000000	0.00000	mg/L	0.000001	41.17%
Ca†	641404.2	29.7	mg/L	0.03	59.5	mg/L	0.06	0.11%
Cd†	-2.5	-0.00008	mg/L	0.000003	-0.00016	mg/L	0.000005	3.10%
Co†	4.4	0.00015	mg/L	0.000123	0.00030	mg/L	0.000245	82.94%
Cr†	1234.7	0.0181	mg/L	0.00045	0.0362	mg/L	0.00090	2.48%
Cu†	798.6	0.00192	mg/L	0.000012	0.00385	mg/L	0.000024	0.63%
Fe†	6765.5	0.594	mg/L	0.0114	1.19	mg/L	0.023	1.92%
K†	6852.5	4.62	mg/L	0.128	9.23	mg/L	0.255	2.76%
Mg†	253941.3	13.0	mg/L	0.02	26.1	mg/L	0.05	0.18%
Mn†	7793.3	0.0150	mg/L	0.00012	0.0300	mg/L	0.00025	0.82%
Mo†	52.7	0.00333	mg/L	0.000376	0.00666	mg/L	0.000751	11.28%
Na†	238428.4	81.5	mg/L	0.13	163	mg/L	0.3	0.16%
Ni†	3.7	0.00017	mg/L	0.000521	0.00034	mg/L	0.001043	303.54%
Pb†	-19.6	-0.00414	mg/L	0.000506	-0.00828	mg/L	0.001012	12.22%
Sb†	11.5	0.00422	mg/L	0.001884	0.00843	mg/L	0.003767	44.67%
Se†	-16.0	-0.00932	mg/L	0.004355	-0.0186	mg/L	0.00871	46.71%
Tl†	56.2	0.0177	mg/L	0.00201	0.0355	mg/L	0.00403	11.35%
V†	2463.6	0.0161	mg/L	0.00047	0.0322	mg/L	0.00094	2.91%
Zn†	1395.5	0.0275	mg/L	0.00017	0.0549	mg/L	0.00035	0.64%
Alx†	32427.6	354	ug/L	1.2	0.708	mg/L	0.0024	0.34%
Bex†	2.1	0.00079	ug/L	0.000324	0.00000	mg/L	0.000001	41.17%

Sequence No.: 45
Sample ID: 2603220357_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 58
Date Collected: 3/30/2006 10:16:18
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220357_2X

Analyte	Back Pressure	Flow
All	276.0 kPa	0.65 L/min

Mean Data: 2603220357_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	368419.8	84.6	%	0.77				0.91%
Yr	348489.0	79.9	%	0.27				0.34%
Ag†	90.9	0.00034	mg/L	0.000348	0.00068	mg/L	0.000697	102.26%
Al†	697.5	0.110	mg/L	0.0003	0.220	mg/L	0.0005	0.23%
As†	35.1	0.0137	mg/L	0.00141	0.0273	mg/L	0.00282	10.32%
B_†	8277.3	0.271	mg/L	0.0015	0.542	mg/L	0.0030	0.55%
Ba†	1051.5	0.0144	mg/L	0.00010	0.0288	mg/L	0.00021	0.73%
Be†	-68.8	-0.00003	mg/L	0.000013	-0.00005	mg/L	0.000026	50.42%
Ca†	638364.9	29.6	mg/L	0.01	59.2	mg/L	0.02	0.03%
Cd†	-9.0	-0.00030	mg/L	0.000163	-0.00060	mg/L	0.000327	54.57%
Co†	-1.4	-0.00005	mg/L	0.000334	-0.00009	mg/L	0.000669	713.52%
Cr†	402.5	0.00590	mg/L	0.000155	0.0118	mg/L	0.00031	2.62%
Cu†	607.7	0.00146	mg/L	0.000116	0.00293	mg/L	0.000233	7.96%
Fe†	1024.4	0.0899	mg/L	0.00020	0.180	mg/L	0.0004	0.23%
K†	6689.9	4.51	mg/L	0.004	9.02	mg/L	0.008	0.08%
Mg†	225276.9	11.6	mg/L	0.00	23.1	mg/L	0.00	0.00%
Mn†	3579.4	0.00689	mg/L	0.000053	0.0138	mg/L	0.00011	0.78%
Mo†	53.1	0.00336	mg/L	0.000014	0.00671	mg/L	0.000028	0.41%
Na†	250847.4	85.7	mg/L	0.03	171	mg/L	0.1	0.03%
Ni†	-23.1	-0.00106	mg/L	0.000144	-0.00212	mg/L	0.000287	13.51%
Pb†	-7.0	-0.00148	mg/L	0.000060	-0.00297	mg/L	0.000120	4.05%
Sb†	15.9	0.00621	mg/L	0.001256	0.0124	mg/L	0.00251	20.23%
Se†	-16.5	-0.00965	mg/L	0.002976	-0.0193	mg/L	0.00595	30.84%
Tl†	61.6	0.0194	mg/L	0.00155	0.0388	mg/L	0.00309	7.96%
V†	2207.3	0.0144	mg/L	0.00044	0.0288	mg/L	0.00087	3.02%
Zn†	1396.0	0.0275	mg/L	0.00016	0.0549	mg/L	0.00031	0.57%
Alx†	9270.0	101	ug/L	1.7	0.202	mg/L	0.0034	1.68%
Bex†	-68.8	-0.0261	ug/L	0.01315	-0.00005	mg/L	0.000026	50.42%

Sequence No.: 46
Sample ID: 2603220360_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 59
Date Collected: 3/30/2006 10:20:39
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220360_2X

Analyte	Back Pressure	Flow
All	278.0 kPa	0.65 L/min

Mean Data: 2603220360_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	369006.2	84.7	%	0.80				0.95%
Yr	338682.6	77.6	%	0.75				0.96%
Agt	-52.1	-0.00020	mg/L	0.000217	-0.00039	mg/L	0.000434	111.13%
Alt	499.0	0.0788	mg/L	0.00277	0.158	mg/L	0.0055	3.51%
Ast	33.8	0.0132	mg/L	0.00150	0.0263	mg/L	0.00299	11.38%
B_t	21610.9	0.708	mg/L	0.0031	1.42	mg/L	0.006	0.44%
Bat	2017.6	0.0276	mg/L	0.00043	0.0552	mg/L	0.00086	1.56%
Bet	-115.6	-0.00004	mg/L	0.000009	-0.00009	mg/L	0.000018	20.41%
Cat	1501206.8	69.6	mg/L	0.12	139	mg/L	0.2	0.17%
Cdt	-24.7	-0.00082	mg/L	0.000155	-0.00164	mg/L	0.000311	18.92%
Cot	0.0	0.00000	mg/L	0.000206	0.00000	mg/L	0.000412	>999.9%
Crt	1635.9	0.0240	mg/L	0.00045	0.0480	mg/L	0.00089	1.86%
Cut	574.2	0.00138	mg/L	0.000200	0.00277	mg/L	0.000399	14.43%
Fet	803.0	0.0705	mg/L	0.00114	0.141	mg/L	0.0023	1.62%
Kt	10828.2	7.30	mg/L	0.015	14.6	mg/L	0.03	0.21%
Mgt	520299.5	26.7	mg/L	0.00	53.5	mg/L	0.00	0.00%
Mnt	1672.6	0.00322	mg/L	0.000072	0.00644	mg/L	0.000144	2.23%
Mot	175.7	0.0111	mg/L	0.00021	0.0222	mg/L	0.00042	1.87%
Nat	456215.7	156	mg/L	0.4	312	mg/L	0.8	0.24%
Nit	-24.2	-0.00111	mg/L	0.000457	-0.00222	mg/L	0.000913	41.10%
Pbt	-31.0	-0.00656	mg/L	0.001927	-0.0131	mg/L	0.00385	29.39%
Sbt	17.6	0.00653	mg/L	0.005247	0.0131	mg/L	0.01049	80.33%
Set	-30.0	-0.0175	mg/L	0.00234	-0.0351	mg/L	0.00468	13.35%
Tlt	103.0	0.0325	mg/L	0.00145	0.0650	mg/L	0.00290	4.47%
Vt	2525.4	0.0165	mg/L	0.00027	0.0330	mg/L	0.00053	1.62%
Znt	140.5	0.00277	mg/L	0.000235	0.00554	mg/L	0.000470	8.48%
Alxt	6969.3	76.1	ug/L	1.61	0.152	mg/L	0.0032	2.11%
Bext	-115.6	-0.0438	ug/L	0.00894	-0.00009	mg/L	0.000018	20.41%

Sequence No.: 47
Sample ID: 2603230069_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 60
Date Collected: 3/30/2006 10:24:59
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603230069_2X

Analyte	Back Pressure	Flow
All	277.0 kPa	0.65 L/min

Mean Data: 2603230069_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	366988.7	84.3	%	1.29				1.53%
Yr	351293.7	80.5	%	0.78				0.97%
Ag†	-159.9	-0.00060	mg/L	0.000103	-0.00120	mg/L	0.000207	17.26%
Al†	125.4	0.0198	mg/L	0.00043	0.0396	mg/L	0.00087	2.19%
As†	121.2	0.0472	mg/L	0.00041	0.0944	mg/L	0.00081	0.86%
B_†	25137.8	0.824	mg/L	0.0054	1.65	mg/L	0.011	0.66%
Ba†	1378.5	0.0189	mg/L	0.00017	0.0377	mg/L	0.00033	0.88%
Be†	-268.2	-0.00010	mg/L	0.000021	-0.00020	mg/L	0.000042	20.87%
Ca†	2857768.6	132	mg/L	0.2	265	mg/L	0.4	0.16%
Cd†	-12.9	-0.00043	mg/L	0.000303	-0.00086	mg/L	0.000607	70.91%
Co†	4.1	0.00014	mg/L	0.000016	0.00028	mg/L	0.000033	11.88%
Cr†	-48.4	-0.00071	mg/L	0.000014	-0.00142	mg/L	0.000028	2.01%
Cu†	608.8	0.00147	mg/L	0.000254	0.00293	mg/L	0.000507	17.30%
Fe†	308.0	0.0270	mg/L	0.00075	0.0540	mg/L	0.00151	2.79%
K†	9162.5	6.17	mg/L	0.093	12.3	mg/L	0.19	1.51%
Mg†	1317635.6	67.7	mg/L	0.13	135	mg/L	0.3	0.18%
Mn†	29857.4	0.0575	mg/L	0.00034	0.115	mg/L	0.0007	0.59%
Mo†	142.2	0.00899	mg/L	0.000155	0.0180	mg/L	0.00031	1.73%
Na†	364481.2	125	mg/L	0.4	249	mg/L	0.8	0.34%
Ni†	-26.5	-0.00122	mg/L	0.000074	-0.00243	mg/L	0.000148	6.10%
Pb†	-51.6	-0.0109	mg/L	0.00063	-0.0218	mg/L	0.00126	5.77%
Sb†	28.0	0.0112	mg/L	0.00044	0.0223	mg/L	0.00088	3.92%
Se†	-33.5	-0.0195	mg/L	0.00908	-0.0391	mg/L	0.01816	46.44%
Tl†	135.1	0.0426	mg/L	0.00185	0.0852	mg/L	0.00370	4.35%
V†	1221.2	0.00798	mg/L	0.000099	0.0160	mg/L	0.00020	1.24%
Zn†	34.4	0.00068	mg/L	0.000027	0.00137	mg/L	0.000054	3.98%
Alx†	2204.2	24.1	ug/L	0.61	0.0481	mg/L	0.00123	2.55%
Bex†	-268.2	-0.102	ug/L	0.0212	-0.00020	mg/L	0.000042	20.87%

Sequence No.: 48
Sample ID: 2603230197_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 61
Date Collected: 3/30/2006 10:29:21
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603230197_2X

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: 2603230197_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	375729.9	86.3	%	0.32				0.37%
Yr	352175.3	80.7	%	1.25				1.54%
Ag†	30.4	0.00011	mg/L	0.000201	0.00023	mg/L	0.000403	176.79%
Al†	4791.1	0.757	mg/L	0.0057	1.51	mg/L	0.011	0.75%
As†	18.7	0.00728	mg/L	0.000298	0.0146	mg/L	0.00060	4.10%
B_†	11346.2	0.372	mg/L	0.0010	0.744	mg/L	0.0019	0.26%
Ba†	1391.8	0.0190	mg/L	0.00006	0.0381	mg/L	0.00012	0.30%
Be†	170.4	0.00006	mg/L	0.000005	0.00013	mg/L	0.000011	8.16%
Ca†	645832.8	29.9	mg/L	0.01	59.9	mg/L	0.02	0.03%
Cd†	-12.3	-0.00041	mg/L	0.000379	-0.00082	mg/L	0.000758	92.50%
Co†	6.7	0.00023	mg/L	0.000120	0.00046	mg/L	0.000241	52.65%
Cr†	310.0	0.00455	mg/L	0.000083	0.00909	mg/L	0.000167	1.84%
Cu†	631.6	0.00152	mg/L	0.000002	0.00304	mg/L	0.000005	0.16%
Fe†	7489.2	0.657	mg/L	0.0093	1.31	mg/L	0.019	1.42%
K†	7075.5	4.77	mg/L	0.050	9.53	mg/L	0.100	1.05%
Mg†	223675.7	11.5	mg/L	0.13	23.0	mg/L	0.27	1.16%
Mn†	17473.5	0.0336	mg/L	0.00010	0.0672	mg/L	0.00020	0.30%
Mo†	114.5	0.00724	mg/L	0.000252	0.0145	mg/L	0.00050	3.49%
Na†	233577.3	79.8	mg/L	0.40	160	mg/L	0.8	0.50%
Ni†	11.0	0.00051	mg/L	0.000092	0.00101	mg/L	0.000184	18.16%
Pb†	-21.8	-0.00462	mg/L	0.000005	-0.00923	mg/L	0.000009	0.10%
Sb†	12.1	0.00473	mg/L	0.001554	0.00947	mg/L	0.003108	32.84%
Se†	-14.0	-0.00821	mg/L	0.005639	-0.0164	mg/L	0.01128	68.70%
Tl†	61.7	0.0195	mg/L	0.00021	0.0389	mg/L	0.00041	1.06%
V†	1803.3	0.0118	mg/L	0.00001	0.0236	mg/L	0.00002	0.11%
Zn†	233.8	0.00460	mg/L	0.000209	0.00919	mg/L	0.000418	4.54%
Alx†	64841.1	708	ug/L	3.3	1.42	mg/L	0.007	0.46%
Bex†	170.4	0.0646	ug/L	0.00527	0.00013	mg/L	0.000011	8.16%

Sequence No.: 49
Sample ID: 2603240122_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 62
Date Collected: 3/30/2006 10:33:05
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240122_2X

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: 2603240122_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	384659.0	88.3	%	1.34				1.52%
Yr	362575.6	83.1	%	0.07				0.08%
Agt	-1450.3	-0.00543	mg/L	0.000495	-0.0109	mg/L	0.00099	9.10%
Alt	119262.5	18.8	mg/L	0.07	37.7	mg/L	0.14	0.38%
Ast	-14.2	-0.00553	mg/L	0.001650	-0.0111	mg/L	0.00330	29.82%
B_t	11634.5	0.381	mg/L	0.0036	0.762	mg/L	0.0072	0.95%
Bat	11599.3	0.159	mg/L	0.0009	0.317	mg/L	0.0018	0.56%
Bet	3400.0	0.00129	mg/L	0.000018	0.00258	mg/L	0.000035	1.37%
Cat	1093528.1	50.7	mg/L	0.76	101	mg/L	1.5	1.50%
Cdt	-12.6	-0.00042	mg/L	0.000017	-0.00084	mg/L	0.000035	4.14%
Cot	212.6	0.00721	mg/L	0.000119	0.0144	mg/L	0.00024	1.65%
Crt	2397.4	0.0352	mg/L	0.00003	0.0703	mg/L	0.00007	0.10%
Cut	5764.7	0.0139	mg/L	0.00014	0.0278	mg/L	0.00029	1.04%
Fet	177999.0	15.6	mg/L	0.00	31.2	mg/L	0.00	0.01%
Kt	14204.0	9.57	mg/L	0.046	19.1	mg/L	0.09	0.48%
Mgt	921531.9	47.3	mg/L	0.68	94.7	mg/L	1.36	1.43%
Mnt	170473.0	0.328	mg/L	0.0024	0.656	mg/L	0.0047	0.72%
Mot	132.5	0.00838	mg/L	0.000031	0.0168	mg/L	0.00006	0.37%
Nat	253300.3	86.6	mg/L	1.54	173	mg/L	3.1	1.78%
Nit	426.1	0.0196	mg/L	0.00022	0.0392	mg/L	0.00043	1.10%
Pbt	8.9	0.00189	mg/L	0.000131	0.00379	mg/L	0.000262	6.91%
Sbt	16.5	0.00584	mg/L	0.001825	0.0117	mg/L	0.00365	31.24%
Set	-68.0	-0.0397	mg/L	0.00147	-0.0794	mg/L	0.00295	3.71%
Tlt	56.1	0.0177	mg/L	0.00086	0.0354	mg/L	0.00172	4.86%
Vt	6088.2	0.0398	mg/L	0.00015	0.0796	mg/L	0.00030	0.38%
Znt	3339.3	0.0656	mg/L	0.00021	0.131	mg/L	0.0004	0.32%
Alxt	1572204.7	17200	ug/L	108.8	34.3	mg/L	0.22	0.63%
Bext	3400.0	1.29	ug/L	0.018	0.00258	mg/L	0.000035	1.37%

Sequence No.: 50
Sample ID: 2603240118_2X
Analyst:
Initial Sample Wt:
Dilution: 2X

Autosampler Location: 63
Date Collected: 3/30/2006 10:36:55
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240118_2X

Analyte	Back Pressure	Flow
All	278.0 kPa	0.65 L/min

Mean Data: 2603240118_2X

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	371852.1	85.4	%	0.47				0.56%
Yr	360025.1	82.5	%	1.52				1.85%
Ag†	-16085.8	-0.0603	mg/L	0.00015	-0.121	mg/L	0.0003	0.25%
Al†	385.2	0.0608	mg/L	0.00170	0.122	mg/L	0.0034	2.79%
As†	-321.0	-0.125	mg/L	0.0014	-0.250	mg/L	0.0028	1.14%
B_†	15415.4	0.505	mg/L	0.0004	1.01	mg/L	0.001	0.09%
Ba†	1001.1	0.0137	mg/L	0.00000	0.0274	mg/L	0.00000	0.01%
Be†	-88.4	-0.00003	mg/L	0.000027	-0.00007	mg/L	0.000054	80.28%
Ca†	775364.9	35.9	mg/L	0.23	71.9	mg/L	0.45	0.63%
Cd†	-37.6	-0.00125	mg/L	0.000042	-0.00249	mg/L	0.000084	3.36%
Co†	22.4	0.00076	mg/L	0.000112	0.00152	mg/L	0.000224	14.74%
Cr†	4.3	0.00006	mg/L	0.000011	0.00013	mg/L	0.000022	17.36%
Cu†	-8044.3	-0.0194	mg/L	0.00025	-0.0387	mg/L	0.00051	1.31%
Fe†	1877662.3	165	mg/L	0.9	329	mg/L	1.8	0.56%
K†	3543.2	2.39	mg/L	0.041	4.77	mg/L	0.081	1.70%
Mg†	216701.5	11.1	mg/L	0.03	22.3	mg/L	0.05	0.24%
Mn†	1349272.0	2.60	mg/L	0.003	5.19	mg/L	0.005	0.10%
Mo†	-54.7	-0.00346	mg/L	0.000523	-0.00691	mg/L	0.001047	15.14%
Na†	226187.4	77.3	mg/L	1.18	155	mg/L	2.4	1.52%
Ni†	-52.4	-0.00241	mg/L	0.000006	-0.00482	mg/L	0.000012	0.25%
Pb†	16.2	0.00342	mg/L	0.000644	0.00684	mg/L	0.001288	18.82%
Sb†	39.2	0.0156	mg/L	0.00160	0.0313	mg/L	0.00320	10.23%
Se†	-574.1	-0.335	mg/L	0.0046	-0.671	mg/L	0.0092	1.38%
Tl†	32.6	0.0103	mg/L	0.00079	0.0205	mg/L	0.00159	7.73%
V†	-978.2	-0.00639	mg/L	0.000378	-0.0128	mg/L	0.00076	5.91%
Zn†	12273.8	0.241	mg/L	0.0013	0.483	mg/L	0.0026	0.55%
Alx†	5240.2	57.2	ug/L	1.05	0.114	mg/L	0.0021	1.84%
Bex†	-88.4	-0.0335	ug/L	0.02690	-0.00007	mg/L	0.000054	80.28%

Sequence No.: 51
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 3/30/2006 10:40:40
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICSA

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	340871.1	78.3	%	0.58				0.74%
Yr	328959.5	75.4	%	0.19				0.25%
Ag†	-9955.0	-0.0373	mg/L	0.00047	-0.0373	mg/L	0.00047	1.27%
QC value within limits for Ag	Recovery = Not calculated							
Al†	1578260.4	249	mg/L	3.4	249	mg/L	3.4	1.37%
QC value within limits for Al	Recovery = 99.70%							
As†	-549.2	-0.214	mg/L	0.0082	-0.214	mg/L	0.0082	3.83%
QC value within limits for As	Recovery = Not calculated							
B_†	157.8	0.00517	mg/L	0.000310	0.00517	mg/L	0.000310	6.00%
QC value within limits for B_	Recovery = Not calculated							
Ba†	118.7	0.00162	mg/L	0.000008	0.00162	mg/L	0.000008	0.52%
QC value within limits for Ba	Recovery = Not calculated							
Be†	-840.1	-0.00032	mg/L	0.000023	-0.00032	mg/L	0.000023	7.07%
QC value within limits for Be	Recovery = Not calculated							
Ca†	5294991.7	245	mg/L	3.8	245	mg/L	3.8	1.53%
QC value within limits for Ca	Recovery = 98.18%							
Cd†	-74.9	-0.00249	mg/L	0.000118	-0.00249	mg/L	0.000118	4.76%
QC value within limits for Cd	Recovery = Not calculated							
Co†	58.0	0.00196	mg/L	0.000541	0.00196	mg/L	0.000541	27.54%
QC value within limits for Co	Recovery = Not calculated							
Cr†	-157.8	-0.00231	mg/L	0.000221	-0.00231	mg/L	0.000221	9.55%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	-4216.1	-0.0102	mg/L	0.00006	-0.0102	mg/L	0.00006	0.56%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	1124476.1	98.7	mg/L	1.06	98.7	mg/L	1.06	1.08%
QC value within limits for Fe	Recovery = 98.66%							
K†	137.2	0.0924	mg/L	0.02740	0.0924	mg/L	0.02740	29.65%
QC value within limits for K	Recovery = Not calculated							
Mg†	4706723.3	242	mg/L	3.0	242	mg/L	3.0	1.23%
QC value within limits for Mg	Recovery = 96.73%							
Mn†	1641.9	0.00316	mg/L	0.000102	0.00316	mg/L	0.000102	3.22%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	13.4	0.00085	mg/L	0.000064	0.00085	mg/L	0.000064	7.55%
QC value within limits for Mo	Recovery = Not calculated							
Na†	540.8	0.185	mg/L	0.0096	0.185	mg/L	0.0096	5.22%
QC value within limits for Na	Recovery = Not calculated							
Ni†	-58.3	-0.00268	mg/L	0.000033	-0.00268	mg/L	0.000033	1.24%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	-227.3	-0.0481	mg/L	0.00484	-0.0481	mg/L	0.00484	10.07%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	42.3	0.0169	mg/L	0.00110	0.0169	mg/L	0.00110	6.53%
QC value within limits for Sb	Recovery = Not calculated							
Se†	-382.4	-0.223	mg/L	0.0062	-0.223	mg/L	0.0062	2.78%
QC value within limits for Se	Recovery = Not calculated							
Tl†	153.9	0.0486	mg/L	0.00079	0.0486	mg/L	0.00079	1.62%
QC value within limits for Tl	Recovery = Not calculated							
V†	-324.2	-0.00212	mg/L	0.000071	-0.00212	mg/L	0.000071	3.35%
QC value within limits for V	Recovery = Not calculated							
Zn†	806.1	0.0159	mg/L	0.00029	0.0159	mg/L	0.00029	1.80%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	Saturated2							
Unable to evaluate QC.								
Bex†	-840.1	-0.318	ug/L	0.0225	-0.00032	mg/L	0.000023	7.07%
QC value within limits for Bex	Recovery = Not calculated							

All analyte(s) passed QC. One or more analytes were not evaluated.

Sequence No.: 52
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 3/30/2006 10:44:27
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICSAB

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	335534.9	77.0	%	0.74				0.96%
Yr	329043.2	75.4	%	0.23				0.31%
Ag†	126124.0	0.472	mg/L	0.0013	0.472	mg/L	0.0013	0.28%
QC value within limits for Ag Recovery = 94.50%								
Al†	1533844.1	242	mg/L	1.6	242	mg/L	1.6	0.66%
QC value within limits for Al Recovery = 96.90%								
As†	-537.6	-0.209	mg/L	0.0000	-0.209	mg/L	0.0000	0.01%
QC value less than the lower limit for As Recovery = Not calculated								
B_†	185.2	0.00607	mg/L	0.000245	0.00607	mg/L	0.000245	4.04%
QC value within limits for B_ Recovery = Not calculated								
Ba†	19068.1	0.261	mg/L	0.0011	0.261	mg/L	0.0011	0.43%
QC value within limits for Ba Recovery = 104.31%								
Be†	656096.4	0.249	mg/L	0.0008	0.249	mg/L	0.0008	0.32%
QC value within limits for Be Recovery = 99.45%								
Ca†	5182867.0	240	mg/L	2.5	240	mg/L	2.5	1.02%
QC value within limits for Ca Recovery = 96.10%								
Cd†	14274.9	0.474	mg/L	0.0017	0.474	mg/L	0.0017	0.36%
QC value within limits for Cd Recovery = 94.73%								
Co†	6967.5	0.236	mg/L	0.0008	0.236	mg/L	0.0008	0.34%
QC value within limits for Co Recovery = 94.46%								
Cr†	16629.1	0.244	mg/L	0.0006	0.244	mg/L	0.0006	0.26%
QC value within limits for Cr Recovery = 97.57%								
Cu†	97868.2	0.236	mg/L	0.0014	0.236	mg/L	0.0014	0.61%
QC value within limits for Cu Recovery = 94.28%								
Fe†	1090231.8	95.7	mg/L	0.60	95.7	mg/L	0.60	0.62%
QC value within limits for Fe Recovery = 95.66%								
K†	-27.6	-0.0186	mg/L	0.07624	-0.0186	mg/L	0.07624	409.70%
QC value within limits for K Recovery = Not calculated								
Mg†	4620363.6	237	mg/L	1.9	237	mg/L	1.9	0.82%
QC value within limits for Mg Recovery = 94.95%								
Mn†	132402.8	0.255	mg/L	0.0009	0.255	mg/L	0.0009	0.34%
QC value within limits for Mn Recovery = 101.91%								
Mo†	5.1	0.00032	mg/L	0.000433	0.00032	mg/L	0.000433	134.55%
QC value within limits for Mo Recovery = Not calculated								
Na†	124.6	0.0426	mg/L	0.01351	0.0426	mg/L	0.01351	31.72%
QC value within limits for Na Recovery = Not calculated								
Ni†	10130.4	0.466	mg/L	0.0010	0.466	mg/L	0.0010	0.22%
QC value within limits for Ni Recovery = 93.12%								
Pb†	2093.4	0.443	mg/L	0.0025	0.443	mg/L	0.0025	0.57%
QC value within limits for Pb Recovery = 88.62%								
Sb†	62.1	0.0198	mg/L	0.00289	0.0198	mg/L	0.00289	14.62%
QC value within limits for Sb Recovery = Not calculated								
Se†	-375.6	-0.219	mg/L	0.0107	-0.219	mg/L	0.0107	4.86%
QC value less than the lower limit for Se Recovery = Not calculated								
Tl†	165.2	0.0521	mg/L	0.00228	0.0521	mg/L	0.00228	4.37%
QC value greater than the upper limit for Tl Recovery = Not calculated								
V†	37577.8	0.246	mg/L	0.0007	0.246	mg/L	0.0007	0.29%
QC value within limits for V Recovery = 98.22%								
Zn†	26232.1	0.513	mg/L	0.0012	0.513	mg/L	0.0012	0.23%
QC value within limits for Zn Recovery = 102.61%								
Alx†	Saturated2							
Unable to evaluate QC.								
Bex†	656096.4	249	ug/L	0.8	0.249	mg/L	0.0008	0.32%
QC value within limits for Bex Recovery = 99.45%								

QC Failed. Continue with analysis.

Sequence No.: 53
Sample ID: Wash
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 10:48:14
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: Wash

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: Wash

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	375000.3	86.1	%	0.11				0.13%
Yr	352275.7	80.7	%	0.74				0.92%
Ag†	17.0	0.00006	mg/L	0.000246	0.00006	mg/L	0.000246	387.18%
QC value within limits for Ag	Recovery = Not calculated							
Al†	19.1	0.00301	mg/L	0.002370	0.00301	mg/L	0.002370	78.78%
QC value within limits for Al	Recovery = Not calculated							
As†	4.4	0.00172	mg/L	0.001728	0.00172	mg/L	0.001728	100.59%
QC value within limits for As	Recovery = Not calculated							
B_†	328.5	0.0108	mg/L	0.00013	0.0108	mg/L	0.00013	1.17%
QC value within limits for B_	Recovery = Not calculated							
Ba†	-7.6	-0.00010	mg/L	0.000097	-0.00010	mg/L	0.000097	93.45%
QC value within limits for Ba	Recovery = Not calculated							
Be†	302.2	0.00011	mg/L	0.000005	0.00011	mg/L	0.000005	4.09%
QC value within limits for Be	Recovery = Not calculated							
Ca†	29.7	0.00138	mg/L	0.000066	0.00138	mg/L	0.000066	4.82%
QC value within limits for Ca	Recovery = Not calculated							
Cd†	5.4	0.00018	mg/L	0.000093	0.00018	mg/L	0.000093	51.81%
QC value within limits for Cd	Recovery = Not calculated							
Co†	-14.5	-0.00049	mg/L	0.000038	-0.00049	mg/L	0.000038	7.84%
QC value within limits for Co	Recovery = Not calculated							
Cr†	9.6	0.00014	mg/L	0.000151	0.00014	mg/L	0.000151	107.53%
QC value within limits for Cr	Recovery = Not calculated							
Cu†	121.5	0.00029	mg/L	0.000004	0.00029	mg/L	0.000004	1.22%
QC value within limits for Cu	Recovery = Not calculated							
Fe†	12.2	0.00107	mg/L	0.000050	0.00107	mg/L	0.000050	4.63%
QC value within limits for Fe	Recovery = Not calculated							
K†	-92.8	-0.0625	mg/L	0.04337	-0.0625	mg/L	0.04337	69.39%
QC value within limits for K	Recovery = Not calculated							
Mg†	103.0	0.00529	mg/L	0.001243	0.00529	mg/L	0.001243	23.49%
QC value within limits for Mg	Recovery = Not calculated							
Mn†	33.0	0.00006	mg/L	0.000006	0.00006	mg/L	0.000006	9.48%
QC value within limits for Mn	Recovery = Not calculated							
Mo†	5.9	0.00037	mg/L	0.000193	0.00037	mg/L	0.000193	51.76%
QC value within limits for Mo	Recovery = Not calculated							
Na†	30.5	0.0104	mg/L	0.00003	0.0104	mg/L	0.00003	0.26%
QC value within limits for Na	Recovery = Not calculated							
Ni†	-1.8	-0.00008	mg/L	0.000285	-0.00008	mg/L	0.000285	352.95%
QC value within limits for Ni	Recovery = Not calculated							
Pb†	-5.3	-0.00112	mg/L	0.000256	-0.00112	mg/L	0.000256	22.79%
QC value within limits for Pb	Recovery = Not calculated							
Sb†	-1.4	-0.00058	mg/L	0.002246	-0.00058	mg/L	0.002246	389.50%
QC value within limits for Sb	Recovery = Not calculated							
Se†	4.6	0.00268	mg/L	0.001500	0.00268	mg/L	0.001500	56.04%
QC value within limits for Se	Recovery = Not calculated							
Tl†	3.4	0.00107	mg/L	0.000998	0.00107	mg/L	0.000998	93.44%
QC value within limits for Tl	Recovery = Not calculated							
V†	-36.9	-0.00024	mg/L	0.000199	-0.00024	mg/L	0.000199	82.51%
QC value within limits for V	Recovery = Not calculated							
Zn†	8.7	0.00017	mg/L	0.000182	0.00017	mg/L	0.000182	105.96%
QC value within limits for Zn	Recovery = Not calculated							
Alx†	117.5	1.28	ug/L	0.506	0.00128	mg/L	0.000506	39.41%
QC value within limits for Alx	Recovery = Not calculated							
Bex†	302.2	0.115	ug/L	0.0047	0.00011	mg/L	0.000005	4.09%
QC value within limits for Bex	Recovery = Not calculated							

All analyte(s) passed QC.

Sequence No.: 54
Sample ID: QC-25 1ppm
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 3/30/2006 10:51:40
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: QC-25 1ppm

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: QC-25 1ppm

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	393927.4	90.5	%	1.04				1.15%
Yr	368332.8	84.4	%	0.46				0.54%
Ag†	266684.2	0.999	mg/L	0.0143	0.999	mg/L	0.0143	1.44%
QC value within limits for Ag	Recovery = 99.90%							
Al†	6483.6	1.02	mg/L	0.017	1.02	mg/L	0.017	1.63%
QC value within limits for Al	Recovery = 102.40%							
As†	2449.9	0.954	mg/L	0.0005	0.954	mg/L	0.0005	0.05%
QC value within limits for As	Recovery = 95.37%							
B_†	27710.6	0.908	mg/L	0.0124	0.908	mg/L	0.0124	1.36%
QC value within limits for B_	Recovery = 90.80%							
Ba†	80168.9	1.10	mg/L	0.015	1.10	mg/L	0.015	1.35%
QC value within limits for Ba	Recovery = 109.64%							
Be†	2532276.1	0.960	mg/L	0.0006	0.960	mg/L	0.0006	0.07%
QC value within limits for Be	Recovery = 95.95%							
Ca†	22751.4	1.05	mg/L	0.022	1.05	mg/L	0.022	2.12%
QC value within limits for Ca	Recovery = 105.47%							
Cd†	29760.4	0.988	mg/L	0.0162	0.988	mg/L	0.0162	1.64%
QC value within limits for Cd	Recovery = 98.75%							
Co†	31999.2	1.08	mg/L	0.013	1.08	mg/L	0.013	1.18%
QC value within limits for Co	Recovery = 108.45%							
Cr†	71363.5	1.05	mg/L	0.015	1.05	mg/L	0.015	1.45%
QC value within limits for Cr	Recovery = 104.68%							
Cu†	394449.4	0.950	mg/L	0.0049	0.950	mg/L	0.0049	0.52%
QC value within limits for Cu	Recovery = 95.00%							
Fe†	11784.5	1.03	mg/L	0.011	1.03	mg/L	0.011	1.07%
QC value within limits for Fe	Recovery = 103.40%							
K†	14192.6	9.56	mg/L	0.100	9.56	mg/L	0.100	1.05%
QC value within limits for K	Recovery = 95.63%							
Mg†	20795.5	1.07	mg/L	0.014	1.07	mg/L	0.014	1.31%
QC value within limits for Mg	Recovery = 106.84%							
Mn†	569248.0	1.10	mg/L	0.015	1.10	mg/L	0.015	1.36%
QC value within limits for Mn	Recovery = 109.53%							
Mo†	15748.7	0.996	mg/L	0.0031	0.996	mg/L	0.0031	0.31%
QC value within limits for Mo	Recovery = 99.57%							
Na†	3146.3	1.08	mg/L	0.034	1.08	mg/L	0.034	3.20%
QC value within limits for Na	Recovery = 107.54%							
Ni†	24048.3	1.11	mg/L	0.012	1.11	mg/L	0.012	1.06%
QC value greater than the upper limit for Ni	Recovery = 110.53%							
Pb†	5104.6	1.08	mg/L	0.003	1.08	mg/L	0.003	0.28%
QC value within limits for Pb	Recovery = 108.05%							
Sb†	2436.6	0.950	mg/L	0.0044	0.950	mg/L	0.0044	0.47%
QC value within limits for Sb	Recovery = 94.99%							
Se†	1548.5	0.905	mg/L	0.0072	0.905	mg/L	0.0072	0.80%
QC value within limits for Se	Recovery = 90.49%							
Tl†	3405.8	1.07	mg/L	0.004	1.07	mg/L	0.004	0.40%
QC value within limits for Tl	Recovery = 107.46%							
V†	154806.3	1.01	mg/L	0.015	1.01	mg/L	0.015	1.49%
QC value within limits for V	Recovery = 101.16%							
Zn†	52948.0	1.03	mg/L	0.013	1.03	mg/L	0.013	1.22%
QC value within limits for Zn	Recovery = 103.44%							
Alx†	84965.1	928	ug/L	16.0	0.928	mg/L	0.0160	1.73%
QC value within limits for Alx	Recovery = 92.76%							
Bex†	2532276.1	960	ug/L	0.6	0.960	mg/L	0.0006	0.07%
QC value within limits for Bex	Recovery = 95.95%							

QC Failed. Retry.

Sequence No.: 55
Sample ID: QC-25 1ppm
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 3/30/2006 10:53:52
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: QC-25 1ppm

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: QC-25 1ppm

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	403394.3	92.6	%	0.22				0.24%
Yr	368623.0	84.5	%	0.63				0.74%
Ag†	259785.1	0.973	mg/L	0.0008	0.973	mg/L	0.0008	0.08%
QC value within limits for Ag		Recovery = 97.32%						
Al†	6673.1	1.05	mg/L	0.009	1.05	mg/L	0.009	0.83%
QC value within limits for Al		Recovery = 105.39%						
As†	2433.7	0.947	mg/L	0.0038	0.947	mg/L	0.0038	0.40%
QC value within limits for As		Recovery = 94.74%						
B_†	27490.6	0.901	mg/L	0.0004	0.901	mg/L	0.0004	0.04%
QC value within limits for B_		Recovery = 90.08%						
Ba†	78303.1	1.07	mg/L	0.003	1.07	mg/L	0.003	0.27%
QC value within limits for Ba		Recovery = 107.08%						
Be†	2543828.3	0.964	mg/L	0.0023	0.964	mg/L	0.0023	0.24%
QC value within limits for Be		Recovery = 96.39%						
Ca†	23302.8	1.08	mg/L	0.006	1.08	mg/L	0.006	0.55%
QC value within limits for Ca		Recovery = 108.02%						
Cd†	29096.6	0.965	mg/L	0.0033	0.965	mg/L	0.0033	0.34%
QC value within limits for Cd		Recovery = 96.55%						
Co†	31266.4	1.06	mg/L	0.000	1.06	mg/L	0.000	0.05%
QC value within limits for Co		Recovery = 105.97%						
Cr†	69760.7	1.02	mg/L	0.002	1.02	mg/L	0.002	0.16%
QC value within limits for Cr		Recovery = 102.33%						
Cu†	393209.4	0.947	mg/L	0.0044	0.947	mg/L	0.0044	0.46%
QC value within limits for Cu		Recovery = 94.70%						
Fe†	12061.5	1.06	mg/L	0.012	1.06	mg/L	0.012	1.17%
QC value within limits for Fe		Recovery = 105.83%						
K†	14594.5	9.83	mg/L	0.132	9.83	mg/L	0.132	1.34%
QC value within limits for K		Recovery = 98.34%						
Mg†	21142.8	1.09	mg/L	0.014	1.09	mg/L	0.014	1.27%
QC value within limits for Mg		Recovery = 108.62%						
Mn†	555406.1	1.07	mg/L	0.002	1.07	mg/L	0.002	0.19%
QC value within limits for Mn		Recovery = 106.87%						
Mo†	15648.5	0.989	mg/L	0.0019	0.989	mg/L	0.0019	0.20%
QC value within limits for Mo		Recovery = 98.94%						
Na†	3158.9	1.08	mg/L	0.002	1.08	mg/L	0.002	0.18%
QC value within limits for Na		Recovery = 107.97%						
Ni†	23571.1	1.08	mg/L	0.001	1.08	mg/L	0.001	0.10%
QC value within limits for Ni		Recovery = 108.34%						
Pb†	5069.3	1.07	mg/L	0.004	1.07	mg/L	0.004	0.40%
QC value within limits for Pb		Recovery = 107.31%						
Sb†	2404.3	0.937	mg/L	0.0037	0.937	mg/L	0.0037	0.39%
QC value within limits for Sb		Recovery = 93.75%						
Se†	1541.2	0.901	mg/L	0.0027	0.901	mg/L	0.0027	0.30%
QC value within limits for Se		Recovery = 90.06%						
Tl†	3353.9	1.06	mg/L	0.003	1.06	mg/L	0.003	0.25%
QC value within limits for Tl		Recovery = 105.82%						
V†	151149.8	0.988	mg/L	0.0006	0.988	mg/L	0.0006	0.06%
QC value within limits for V		Recovery = 98.77%						
Zn†	51989.4	1.02	mg/L	0.003	1.02	mg/L	0.003	0.29%
QC value within limits for Zn		Recovery = 101.57%						
Alx†	81433.0	889	ug/L	1.2	0.889	mg/L	0.0012	0.13%
QC value less than the lower limit for Alx		Recovery = 88.90%						
Bex†	2543828.3	964	ug/L	2.3	0.964	mg/L	0.0023	0.24%

QC value within limits for Bex Recovery = 96.39%
QC Failed. Continue with analysis.

Sequence No.: 56
Sample ID: ECV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 3/30/2006 10:57:38
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ECV

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: ECV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	356624.4	81.9	%	0.69				0.84%
Yr	332065.0	76.1	%	0.13				0.17%
Ag†	266462.9	0.998	mg/L	0.0015	0.998	mg/L	0.0015	0.15%
QC value within limits for Ag	Recovery = 99.82%							
Al†	32284.0	5.10	mg/L	0.000	5.10	mg/L	0.000	0.01%
QC value within limits for Al	Recovery = 101.97%							
As†	12122.3	4.72	mg/L	0.064	4.72	mg/L	0.064	1.35%
QC value within limits for As	Recovery = 94.38%							
B_†	72216.1	2.37	mg/L	0.001	2.37	mg/L	0.001	0.03%
QC value within limits for B_	Recovery = 94.66%							
Ba†	383501.2	5.24	mg/L	0.009	5.24	mg/L	0.009	0.17%
QC value within limits for Ba	Recovery = 104.89%							
Be†	5391096.3	2.04	mg/L	0.044	2.04	mg/L	0.044	2.16%
QC value within limits for Be	Recovery = 102.14%							
Ca†	1089777.0	50.5	mg/L	0.08	50.5	mg/L	0.08	0.16%
QC value within limits for Ca	Recovery = 101.04%							
Cd†	76202.5	2.53	mg/L	0.018	2.53	mg/L	0.018	0.71%
QC value within limits for Cd	Recovery = 101.14%							
Co†	152064.2	5.15	mg/L	0.010	5.15	mg/L	0.010	0.20%
QC value within limits for Co	Recovery = 103.08%							
Cr†	349996.5	5.13	mg/L	0.003	5.13	mg/L	0.003	0.06%
QC value within limits for Cr	Recovery = 102.68%							
Cu†	1973632.0	4.75	mg/L	0.006	4.75	mg/L	0.006	0.13%
QC value within limits for Cu	Recovery = 95.06%							
Fe†	58786.2	5.16	mg/L	0.000	5.16	mg/L	0.000	0.01%
QC value within limits for Fe	Recovery = 103.16%							
K†	72857.8	49.1	mg/L	0.21	49.1	mg/L	0.21	0.43%
QC value within limits for K	Recovery = 98.18%							
Mg†	1010385.5	51.9	mg/L	0.02	51.9	mg/L	0.02	0.04%
QC value within limits for Mg	Recovery = 103.82%							
Mn†	2709452.6	5.21	mg/L	0.012	5.21	mg/L	0.012	0.22%
QC value within limits for Mn	Recovery = 104.27%							
Mo†	81693.2	5.17	mg/L	0.043	5.17	mg/L	0.043	0.83%
QC value within limits for Mo	Recovery = 103.30%							
Na†	145673.3	49.8	mg/L	0.10	49.8	mg/L	0.10	0.19%
QC value within limits for Na	Recovery = 99.58%							
Ni†	114400.9	5.26	mg/L	0.011	5.26	mg/L	0.011	0.21%
QC value within limits for Ni	Recovery = 105.16%							
Pb†	24545.7	5.20	mg/L	0.053	5.20	mg/L	0.053	1.02%
QC value within limits for Pb	Recovery = 103.92%							
Sb†	12421.8	4.85	mg/L	0.074	4.85	mg/L	0.074	1.53%
QC value within limits for Sb	Recovery = 96.93%							
Se†	8172.7	4.78	mg/L	0.035	4.78	mg/L	0.035	0.74%
QC value within limits for Se	Recovery = 95.52%							
Tl†	16695.4	5.27	mg/L	0.040	5.27	mg/L	0.040	0.75%
QC value within limits for Tl	Recovery = 105.35%							
V†	782151.1	5.11	mg/L	0.003	5.11	mg/L	0.003	0.05%
QC value within limits for V	Recovery = 102.22%							
Zn†	262666.2	5.13	mg/L	0.001	5.13	mg/L	0.001	0.02%
QC value within limits for Zn	Recovery = 102.66%							
Alx†	420985.4	4600	ug/L	37.4	4.60	mg/L	0.037	0.81%
QC value within limits for Alx	Recovery = 91.92%							
Bex†	5391096.3	2040	ug/L	44.1	2.04	mg/L	0.044	2.16%
QC value within limits for Bex	Recovery = 102.14%							

All analyte(s) passed QC.

Sequence No.: 57
Sample ID: ECB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 11:00:53
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ECB

Analyte	Back Pressure	Flow
All	280.0 kPa	0.65 L/min

Mean Data: ECB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	379997.4	87.3	%	0.26				0.30%
Yr	349977.7	80.2	%	0.70				0.87%
Ag†	-25.5	-0.00010	mg/L	0.000055	-0.00010	mg/L	0.000055	58.15%
QC value within limits for Ag		Recovery = Not calculated						
Al†	10.3	0.00162	mg/L	0.001102	0.00162	mg/L	0.001102	68.01%
QC value within limits for Al		Recovery = Not calculated						
As†	26.8	0.0104	mg/L	0.00105	0.0104	mg/L	0.00105	10.09%
QC value within limits for As		Recovery = Not calculated						
B_†	674.8	0.0221	mg/L	0.00039	0.0221	mg/L	0.00039	1.77%
QC value greater than the upper limit for B_		Recovery = Not calculated						
Ba†	-5.2	-0.00007	mg/L	0.000080	-0.00007	mg/L	0.000080	113.24%
QC value within limits for Ba		Recovery = Not calculated						
Be†	256.8	0.00010	mg/L	0.000028	0.00010	mg/L	0.000028	28.83%
QC value within limits for Be		Recovery = Not calculated						
Ca†	-40.1	-0.00186	mg/L	0.000040	-0.00186	mg/L	0.000040	2.16%
QC value within limits for Ca		Recovery = Not calculated						
Cd†	9.9	0.00033	mg/L	0.000258	0.00033	mg/L	0.000258	78.41%
QC value within limits for Cd		Recovery = Not calculated						
Co†	-8.9	-0.00030	mg/L	0.000153	-0.00030	mg/L	0.000153	50.96%
QC value within limits for Co		Recovery = Not calculated						
Cr†	8.7	0.00013	mg/L	0.000051	0.00013	mg/L	0.000051	39.87%
QC value within limits for Cr		Recovery = Not calculated						
Cu†	193.1	0.00047	mg/L	0.000002	0.00047	mg/L	0.000002	0.50%
QC value within limits for Cu		Recovery = Not calculated						
Fe†	-1.2	-0.00011	mg/L	0.000285	-0.00011	mg/L	0.000285	267.77%
QC value within limits for Fe		Recovery = Not calculated						
K†	-77.5	-0.0522	mg/L	0.01683	-0.0522	mg/L	0.01683	32.25%
QC value within limits for K		Recovery = Not calculated						
Mg†	56.3	0.00289	mg/L	0.000207	0.00289	mg/L	0.000207	7.16%
QC value within limits for Mg		Recovery = Not calculated						
Mn†	14.5	0.00003	mg/L	0.000002	0.00003	mg/L	0.000002	6.80%
QC value within limits for Mn		Recovery = Not calculated						
Mo†	40.8	0.00258	mg/L	0.000187	0.00258	mg/L	0.000187	7.26%
QC value within limits for Mo		Recovery = Not calculated						
Na†	88.9	0.0304	mg/L	0.00449	0.0304	mg/L	0.00449	14.80%
QC value within limits for Na		Recovery = Not calculated						
Ni†	2.2	0.00010	mg/L	0.000065	0.00010	mg/L	0.000065	64.98%
QC value within limits for Ni		Recovery = Not calculated						
Pb†	-0.8	-0.00018	mg/L	0.000981	-0.00018	mg/L	0.000981	550.35%
QC value within limits for Pb		Recovery = Not calculated						
Sb†	4.0	0.00161	mg/L	0.000631	0.00161	mg/L	0.000631	39.22%
QC value within limits for Sb		Recovery = Not calculated						
Se†	4.0	0.00233	mg/L	0.000102	0.00233	mg/L	0.000102	4.35%
QC value within limits for Se		Recovery = Not calculated						
Tl†	14.9	0.00471	mg/L	0.000197	0.00471	mg/L	0.000197	4.20%
QC value within limits for Tl		Recovery = Not calculated						
V†	-7.9	-0.00005	mg/L	0.000062	-0.00005	mg/L	0.000062	121.27%
QC value within limits for V		Recovery = Not calculated						
Zn†	21.8	0.00043	mg/L	0.000040	0.00043	mg/L	0.000040	9.26%
QC value within limits for Zn		Recovery = Not calculated						
Alx†	79.0	0.862	ug/L	0.5868	0.00086	mg/L	0.000587	68.05%
QC value within limits for Alx		Recovery = Not calculated						
Bex†	256.8	0.0973	ug/L	0.02805	0.00010	mg/L	0.000028	28.83%
QC value within limits for Bex		Recovery = Not calculated						

QC Failed. Retry.

Sequence No.: 58
Sample ID: ECB
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 0
Date Collected: 3/30/2006 11:03:30
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ECB

Analyte	Back Pressure	Flow
All	279.0 kPa	0.65 L/min

Mean Data: ECB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	378366.3	86.9	%	1.86				2.14%
Yr	349002.5	80.0	%	0.81				1.01%
Agt	89.6	0.00034	mg/L	0.000281	0.00034	mg/L	0.000281	83.58%
QC value within limits for Ag		Recovery = Not calculated						
Alt	2.8	0.00044	mg/L	0.000121	0.00044	mg/L	0.000121	27.33%
QC value within limits for Al		Recovery = Not calculated						
Ast	19.6	0.00764	mg/L	0.001437	0.00764	mg/L	0.001437	18.82%
QC value within limits for As		Recovery = Not calculated						
B_t	534.5	0.0175	mg/L	0.00049	0.0175	mg/L	0.00049	2.77%
QC value within limits for B_		Recovery = Not calculated						
Bat	-4.2	-0.00006	mg/L	0.000023	-0.00006	mg/L	0.000023	39.10%
QC value within limits for Ba		Recovery = Not calculated						
Bet	263.5	0.00010	mg/L	0.000078	0.00010	mg/L	0.000078	78.23%
QC value within limits for Be		Recovery = Not calculated						
Cat	-25.9	-0.00120	mg/L	0.000711	-0.00120	mg/L	0.000711	59.15%
QC value within limits for Ca		Recovery = Not calculated						
Cdt	4.2	0.00014	mg/L	0.000081	0.00014	mg/L	0.000081	58.06%
QC value within limits for Cd		Recovery = Not calculated						
Cot	-10.0	-0.00034	mg/L	0.000066	-0.00034	mg/L	0.000066	19.61%
QC value within limits for Co		Recovery = Not calculated						
Crt	7.8	0.00011	mg/L	0.000157	0.00011	mg/L	0.000157	136.98%
QC value within limits for Cr		Recovery = Not calculated						
Cut	127.3	0.00031	mg/L	0.000212	0.00031	mg/L	0.000212	69.15%
QC value within limits for Cu		Recovery = Not calculated						
Fet	-5.8	-0.00051	mg/L	0.000119	-0.00051	mg/L	0.000119	23.50%
QC value within limits for Fe		Recovery = Not calculated						
Kt	-45.3	-0.0306	mg/L	0.02460	-0.0306	mg/L	0.02460	80.51%
QC value within limits for K		Recovery = Not calculated						
Mgt	59.9	0.00308	mg/L	0.000161	0.00308	mg/L	0.000161	5.25%
QC value within limits for Mg		Recovery = Not calculated						
Mnt	19.5	0.00004	mg/L	0.000005	0.00004	mg/L	0.000005	14.20%
QC value within limits for Mn		Recovery = Not calculated						
Mot	24.7	0.00156	mg/L	0.000192	0.00156	mg/L	0.000192	12.27%
QC value within limits for Mo		Recovery = Not calculated						
Nat	13.3	0.00454	mg/L	0.001814	0.00454	mg/L	0.001814	39.92%
QC value within limits for Na		Recovery = Not calculated						
Nit	-1.5	-0.00007	mg/L	0.000236	-0.00007	mg/L	0.000236	350.14%
QC value within limits for Ni		Recovery = Not calculated						
Pbt	-2.8	-0.00060	mg/L	0.000859	-0.00060	mg/L	0.000859	144.18%
QC value within limits for Pb		Recovery = Not calculated						
Sbt	3.6	0.00143	mg/L	0.000228	0.00143	mg/L	0.000228	15.88%
QC value within limits for Sb		Recovery = Not calculated						
Set	-0.7	-0.00043	mg/L	0.001905	-0.00043	mg/L	0.001905	447.22%
QC value within limits for Se		Recovery = Not calculated						
Tlt	1.4	0.00043	mg/L	0.000770	0.00043	mg/L	0.000770	178.72%
QC value within limits for Tl		Recovery = Not calculated						
Vt	-10.1	-0.00007	mg/L	0.000080	-0.00007	mg/L	0.000080	120.63%
QC value within limits for V		Recovery = Not calculated						
Znt	21.4	0.00042	mg/L	0.000059	0.00042	mg/L	0.000059	14.01%
QC value within limits for Zn		Recovery = Not calculated						
Alxt	53.2	0.581	ug/L	0.4302	0.00058	mg/L	0.000430	74.01%
QC value within limits for Alx		Recovery = Not calculated						
Bext	263.5	0.0999	ug/L	0.07811	0.00010	mg/L	0.000078	78.23%

QC value within limits for Bex Recovery = Not calculated
All analyte(s) passed QC.

Sequence No.: 59
Sample ID: MRL
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 3/30/2006 11:06:56
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MRL

Analyte	Back Pressure	Flow
All	280.0 kPa	0.65 L/min

Mean Data: MRL

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	381663.5	87.6	%	0.71				0.81%
Yr	350080.2	80.2	%	0.70				0.87%
Ag†	2719.4	0.0102	mg/L	0.00015	0.0102	mg/L	0.00015	1.49%
QC value within limits for Ag		Recovery = 101.87%						
Al†	330.3	0.0522	mg/L	0.00211	0.0522	mg/L	0.00211	4.04%
QC value within limits for Al		Recovery = 104.34%						
As†	238.0	0.0926	mg/L	0.00151	0.0926	mg/L	0.00151	1.63%
QC value within limits for As		Recovery = 92.64%						
B_†	1828.9	0.0599	mg/L	0.00046	0.0599	mg/L	0.00046	0.77%
QC value within limits for B_		Recovery = 119.86%						
Ba†	1514.3	0.0207	mg/L	0.00021	0.0207	mg/L	0.00021	1.03%
QC value within limits for Ba		Recovery = 103.54%						
Be†	2914.5	0.00110	mg/L	0.000007	0.00110	mg/L	0.000007	0.60%
QC value within limits for Be		Recovery = 110.44%						
Ca†	21903.0	1.02	mg/L	0.005	1.02	mg/L	0.005	0.50%
QC value within limits for Ca		Recovery = 101.53%						
Cd†	175.0	0.00581	mg/L	0.000361	0.00581	mg/L	0.000361	6.22%
QC value within limits for Cd		Recovery = 116.14%						
Co†	1503.1	0.0509	mg/L	0.00066	0.0509	mg/L	0.00066	1.30%
QC value within limits for Co		Recovery = 101.89%						
Cr†	686.2	0.0101	mg/L	0.00034	0.0101	mg/L	0.00034	3.41%
QC value within limits for Cr		Recovery = 100.66%						
Cu†	3912.1	0.00942	mg/L	0.000231	0.00942	mg/L	0.000231	2.46%
QC value within limits for Cu		Recovery = 94.21%						
Fe†	233.5	0.0205	mg/L	0.00051	0.0205	mg/L	0.00051	2.51%
QC value within limits for Fe		Recovery = 102.42%						
K†	1415.7	0.954	mg/L	0.0085	0.954	mg/L	0.0085	0.89%
QC value within limits for K		Recovery = 95.39%						
Mg†	2107.5	0.108	mg/L	0.0013	0.108	mg/L	0.0013	1.18%
QC value within limits for Mg		Recovery = 108.28%						
Mn†	1123.3	0.00216	mg/L	0.000020	0.00216	mg/L	0.000020	0.92%
QC value within limits for Mn		Recovery = 108.07%						
Mo†	316.9	0.0200	mg/L	0.00013	0.0200	mg/L	0.00013	0.67%
QC value within limits for Mo		Recovery = 100.19%						
Na†	2857.9	0.977	mg/L	0.0108	0.977	mg/L	0.0108	1.10%
QC value within limits for Na		Recovery = 97.68%						
Ni†	452.6	0.0208	mg/L	0.00013	0.0208	mg/L	0.00013	0.62%
QC value within limits for Ni		Recovery = 104.01%						
Pb†	99.1	0.0210	mg/L	0.00124	0.0210	mg/L	0.00124	5.90%
QC value within limits for Pb		Recovery = 104.89%						
Sb†	110.8	0.0440	mg/L	0.00175	0.0440	mg/L	0.00175	3.99%
QC value within limits for Sb		Recovery = 87.94%						
Se†	166.2	0.0971	mg/L	0.00720	0.0971	mg/L	0.00720	7.41%
QC value within limits for Se		Recovery = 97.12%						
Tl†	349.1	0.110	mg/L	0.0001	0.110	mg/L	0.0001	0.07%
QC value within limits for Tl		Recovery = 110.13%						
V†	258.0	0.00169	mg/L	0.000193	0.00169	mg/L	0.000193	11.45%
QC value within limits for V		Recovery = 84.30%						
Zn†	1082.7	0.0212	mg/L	0.00018	0.0212	mg/L	0.00018	0.83%
QC value within limits for Zn		Recovery = 105.82%						
Alx†	4317.0	47.1	ug/L	0.40	0.0471	mg/L	0.00040	0.84%
QC value within limits for Alx		Recovery = 94.26%						
Bex†	2914.5	1.10	ug/L	0.007	0.00110	mg/L	0.000007	0.60%
QC value within limits for Bex		Recovery = 110.44%						

All analyte(s) passed QC.

Analytical Sequence
Method: 2007_050630

Seq.	Loc.	ID	Status
1	0	Calib Blank 1	Applied
2	15	Standard 2	Applied
3	15	ICV	QC Passed
4	9	Linearity Check	QC Passed
5	10	ICSA	QC Passed
6	11	ICSAB	QC Failed
7	0	Wash	QC Passed
8	12	QC-25 1ppm	QC Passed
9	4	CCV	QC Passed
10	0	ICB	QC Failed
11	0	ICB	QC Passed
12	20	MRL	QC Passed
13	0	FILTER CHECK	Analyzed
14	22	MRL2007	Analyzed
15	38	MBLANK	Analyzed
16	39	LCS	Analyzed
17	40	LCSD	Analyzed
18	41	2603240135	Analyzed
19	42	2603240135MS	Analyzed
20	43	2603240135MSD	Analyzed
21	0	WASH	Analyzed
22	0	WASH	Analyzed
23	4	CCV	QC Passed
24	0	CCB	QC Failed
25	0	CCB	QC Passed
26	44	2603150119	Analyzed
27	45	2603150119MS	Analyzed
28	46	2603090347	Analyzed
29	47	2603100260	Analyzed
30	48	2603140472	Analyzed
31	49	2603140436_2X	Analyzed
32	50	2603150120_2X	Analyzed
33	51	2603210144_2X	Analyzed
34	52	2603210150_2X	Analyzed
35	53	2603210153_2X	Analyzed
36	4	CCV	QC Passed
37	0	CCB	QC Failed
38	0	CCB	QC Passed
39	5	MCV	QC Failed
40	5	MCV	QC Failed
41	54	2603210155_2X	Analyzed
42	55	2603210156_2X	Analyzed
43	56	2603220347_2X	Analyzed
44	57	2603220348_2X	Analyzed
45	58	2603220357_2X	Analyzed
46	59	2603220360_2X	Analyzed
47	60	2603230069_2X	Analyzed
48	61	2603230197_2X	Analyzed
49	62	2603240122_2X	Analyzed
50	63	2603240118_2X	Analyzed
51	10	ICSA	QC Passed
52	11	ICSAB	QC Failed
53	0	Wash	QC Passed
54	12	QC-25 1ppm	QC Failed
55	12	QC-25 1ppm	QC Failed
56	4	ECV	QC Passed
57	0	ECB	QC Failed
58	0	ECB	QC Passed
59	21	MRL	QC Passed

MWH LABS
REV 1.0
07/18/05

Scan Prep Sheet

Lab Batch No: OPTIMA060330AWBH

Batch Date: 3/30/06

LAB TEST TYPE: 200.7

Associated Lab Batch Nos: N/A
Calibration: N/A
Rerun: N/A
Other: N/A

If using Prep date as Batch date, you must also include the analytical date.

Analytical Date: N/A

ICP SUMMARY SHEET

File ID: 060330A
Date Started: 3/30/06
Analyst ID: WBH

SAMPLE ID

2603240135	(11:59)	2603150119	(12:07)	2603090347	(12:13)
2603100260	(12:16)	2603140472	(12:25)	2603140436	(12:29)
2603150120	(12:32)	2603210144	(12:35)	2603210150	(12:38)
2603210153	(12:41)	2603210155	(12:45)	2603210156	(12:48)
2603220347	(12:51)	2603220348	(12:54)	2603220357	(13:03)
2603220360	(13:07)	2603230069	(13:10)	2603230197	(13:13)
2603240122	(13:16)	2603240118	(13:19)		

COMMENT:

Analyst: WBH

Approved By: _____

BATCH NUMBER for 060330A

Test Parameter:

SCA YR TI SR SIO2 SN

Batch ID: 2603240135

2603240135	2603150119	2603090347
2603100260	2603140472	2603140436
2603150120	2603210144	2603210150
2603210153	2603210155	2603210156
2603220347	2603220348	2603220357
2603220360	2603230069	2603230197
2603240122	2603240118	

Reagent and Standards used for
Optima 4300 DV
Updated 03/29/06

Int: WBH
Date: 3/30/06

Method 200.7/6010

Reagent	Lot #
HNO3	R# 100360
HCL	R# 100369

Standards	Lot #	Exp. Date	Dilution	
Calibration	ME0505010	(06/01/06)	1:10 ME0601003	
(Prepare daily)	ME0505011	(06/01/06)	1:10	
			CCV/ECV	MCV
CCV/MCV/ECV	ME0511002	(10/31/06)	1:20 ME0601004	1:40 ME0601005
(Prepare daily)				
Spike/LCS	ME0503020	(09/25/06)	1:100 ME0601006	
(Prepare daily)	ME0603006	(09/02/06)	1:100	
	ME0511001	(04/26/07)	1:200	
MRL	ME0603014	(09/14/06)	1:100 ME0603015	
(Prepare daily)				
ICSA	ME0603005	(09/02/06)		
ICSAB	ME0603004	(09/02/06)		
QC-25 1PPM	ME0603017	(09/17/06)		
Linearity	ME0603018	(09/29/06)		

Method Sr/Ti/Sn/SiO2

Calibration	ME0512008	(06/30/06)	
CCV/ECV	ME0603016	(09/14/06)	
Spike/LCS	ME0603012	(09/14/06)	1:100
(Prepare daily)			
MRL	ME0603011	(09/14/06)	1:100
(Prepare daily)			

Method Li

Std/ICV/MRL	ME0603010	(09/14/06)	1:1000, 200, 40, 10
(Prepare daily)			
LCS/Spike	ME0603011	(09/14/06)	1:50
(Prepare daily)			
ccv	ME0603011	(09/14/06)	1:40
(Prepare daily)			

From May 2005: the calibration std for ICP should be ME0505010,011 not ME0408010 dilution should be 1:20 and 1:40 not 1:200 and 1:400. 1/10/2006

File ID: 060330A

TI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
ICV	3/30/06	11:41	1	10.173	10.2	95-105	101%
ICB	3/30/06	11:44	1	0.0016	.0016		
MRL	3/30/06	11:47	1	0.0215	.0215	50-150	107%
MBLANK	3/30/06	11:50	1	0.0005	0.0005		
LCS	3/30/06	11:54	1	1.0400	1.04	85-115	104%
LCSD	3/30/06	11:56	1	1.0301	1.03	85-115	103%
2603240135	3/30/06	11:59	1	.02555	.026		
2603240135MS (118)	3/30/06	12:02	1	1.0865	1.09	[1.061]	106%
2603240135MSD (120)	3/30/06	12:05	1	1.0877	1.09	[1.062]	106%
2603240135T	3/30/06	12:05	1		1.00	70 - 130	
2603150119	3/30/06	12:07	1	0.0018	.0018		
2603150119MS	3/30/06	12:11	1	1.0190	1.02	[1.017]	101%
2603090347	3/30/06	12:13	1	0.0023	.0023		
2603100260	3/30/06	12:16	1	0.0019	.0019		
CCV	3/30/06	12:19	1	5.1077	5.11	90-110	102%
CCB	3/30/06	12:22	1	0.0012	.0012		
2603140472	3/30/06	12:25	1	0.0011	.0011		
2603140436	3/30/06	12:29	1	.17134	.170		
2603150120	3/30/06	12:32	1	.54658	.550		
2603210144	3/30/06	12:35	1	.11229	.110		
2603210150	3/30/06	12:38	1	0.0388	.039		
2603210153	3/30/06	12:41	1	.39090	.390		
2603210155	3/30/06	12:45	1	.16457	.160		
2603210156	3/30/06	12:48	1	0.0637	.064		
2603220347	3/30/06	12:51	1	0.0743	.074		
2603220348	3/30/06	12:54	1	.02582	.026		
CCV	3/30/06	12:58	1	5.1213	5.12	90-110	102%
CCB	3/30/06	13:00	1	0.0011	.0011		
2603220357	3/30/06	13:03	1	0.0093	.0093		
2603220360	3/30/06	13:07	1	0.0098	.0098		
2603230069	3/30/06	13:10	1	0.0065	.0065		
2603230197	3/30/06	13:13	1	0.0641	.064		
2603240122	3/30/06	13:16	1	1.4300	1.4		
2603240118	3/30/06	13:19	1	0.0072	.0072		
ECV	3/30/06	13:22	1	5.1205	5.12	90-110	102%
ECB	3/30/06	13:25	1	0.0011	.0011		
MRL	3/30/06	13:28	1	0.0212	.0212	50-150	105%

Landscape Summary File ID: 060330A Date: 3/30/06 Analyst: WBH Page: 1

Sample ID	Time	SCA	YR	TI	SR	SIO2	SN
ICV	11:41	N/A	N/A	10.2/10	3.02/3	107	5.10/5
ICB	11:44	N/A	N/A	0.0016	0.0001	0.0882	0.0029
MRL	11:47	N/A	N/A	0.021/.02	0.010/.01	0.491	0.197/.2
MBLANK	11:50	N/A	N/A	0.0005	0.0000	0.1179	0.0012
LCS	11:54	N/A	N/A	1.04/1	0.997/1	0.355	0.993/1
LCSD	11:56	N/A	N/A	1.03/1	0.986/1	0.652	0.986/1
2603240135	11:59	N/A	N/A	0.0256	4.936	77.49	0.0137
2603240135MS	12:02	N/A	N/A	1.087	6.057	78.28	1.042
2603240135MSD	12:05	N/A	N/A	1.088	6.069	79.35	1.021
2603150119	12:07	N/A	N/A	0.0018	0.0022	0.3413	0.0011
2603150119MS	12:11	N/A	N/A	1.019	0.9673	0.6813	0.9953
2603090347	12:13	N/A	N/A	0.0023	1.238	8.532	0.0106
2603100260	12:16	N/A	N/A	0.0019	0.0023	0.4961	0.0017
CCV	12:19	N/A	N/A	5.11/5	1.54/1.5	56.3	2.62/2.5
CCB	12:22	N/A	N/A	0.0012	0.0001	0.0243	0.0004
2603140472	12:25	N/A	N/A	0.0011	0.0009	0.2090	0.0006
2603140436	12:29	N/A	N/A	0.1713	2.901	111.2	0.0115
2603150120	12:32	N/A	N/A	0.5466	1.466	217.1	0.0231
2603210144	12:35	N/A	N/A	0.1123	2.035	87.77	0.0097
2603210150	12:38	N/A	N/A	0.0388	1.174	52.37	0.0105
2603210153	12:41	N/A	N/A	0.3909	2.823	208.6	0.0112
2603210155	12:45	N/A	N/A	0.1646	2.036	103.9	0.0084
2603210156	12:48	N/A	N/A	0.0637	2.066	79.11	0.0080
2603220347	12:51	N/A	N/A	0.0743	2.651	95.44	0.0094
2603220348	12:54	N/A	N/A	0.0258	1.153	53.28	0.0078
CCV	12:58	N/A	N/A	5.12/5	1.52/1.5	56.3	2.60/2.5
CCB	13:00	N/A	N/A	0.0011	0.0001	0.0060	0.0008
2603220357	13:03	N/A	N/A	0.0093	1.179	51.12	0.0081
2603220360	13:07	N/A	N/A	0.0098	3.005	79.82	0.0092
2603230069	13:10	N/A	N/A	0.0065	5.138	91.64	0.0108
2603230197	13:13	N/A	N/A	0.0641	1.137	54.43	0.0071
2603240122	13:16	N/A	N/A	1.430	1.252	301.6	0.0025
2603240118	13:19	N/A	N/A	0.0072	1.183	4.485	0.0051
ECV	13:22	N/A	N/A	5.12/5	1.51/1.5	56.4	2.59/2.5
ECB	13:25	N/A	N/A	0.0011	0.0001	0.0137	0.0007
MRL	13:28	N/A	N/A	0.021/.02	0.010/.01	0.464	0.199/.2

Analysis Begun

Start Time: 3/30/2006 11:35:06
Plasma On Time: 3/30/2006 06:30:04
Logged In Analyst: Owner
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N2121801Autosampler Model: AS-93plus

Sample Information File: C:\pe\Owner\Sample Information\060330a.sif
Batch ID: 060330a
Results Data Set: 060330a
Results Library: C:\pe\Owner\Results\Results.mdb

Method Loaded
Method Name: SiSrSnTiLi.5
Method Last Saved: 9/8/2005 14:46:47
IEC File: 030212.iec
MSF File:
Method Description: Odd ends

Sequence No.: 1
Autosampler Location: 0
Sample ID: Calib Blank 1
Date Collected: 3/30/2006 11:35:07
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Nebulizer Parameters: Calib Blank 1

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sca	428127.0	4222.71	0.99%	100	%
Yr	343273.9	4081.70	1.19%	100.0	%
Ti†	225.1	51.28	22.78%	[0.00]	mg/L
Sr†	22.3	42.43	190.27%	[0.00]	mg/L
SiO2†	206.0	1.74	0.84%	[0.00]	mg/L
Sn†	21.9	4.26	19.50%	[0.00]	mg/L

Sequence No.: 2
Autosampler Location: 15
Sample ID: Standard 2
Date Collected: 3/30/2006 11:38:26
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Nebulizer Parameters: Standard 2

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: Standard 2

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Sca	440605.3	3982.47	0.90%	103	%
Yr	343889.2	5969.72	1.74%	100.2	%
Ti†	10778821.6	83120.96	0.77%	[10]	mg/L
Sr†	3634496.7	105451.46	2.90%	[3]	mg/L
SiO2†	94892.2	249.64	0.26%	[107]	mg/L
Sn†	34998.3	450.59	1.29%	[5]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ti	1	Lin, Calc Int	0.0	1078000	0.00000	1.000000	
Sr	1	Lin, Calc Int	0.0	1211000	0.00000	1.000000	

SiO2	1	Lin, Calc Int	0.0	886.8	0.00000	1.000000
Sn	1	Lin, Calc Int	0.0	7000	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 3/30/2006 11:41:53
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICV

Analyte	Back Pressure	Flow
All	247.0 kPa	0.60 L/min

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	440503.4	103	%	0.4				0.43%
Yr	346101.3	100.8	%	2.27				2.25%
Ti†	10965344.6	10.2	mg/L	0.06	10.2	mg/L	0.06	0.57%
QC value within limits for Ti	Recovery = 101.73%							
Sr†	3654143.5	3.02	mg/L	0.059	3.02	mg/L	0.059	1.95%
QC value within limits for Sr	Recovery = 100.54%							
SiO2†	94990.9	107	mg/L	0.1	107	mg/L	0.1	0.08%
QC value within limits for SiO2	Recovery = 100.10%							
Sn†	35663.7	5.10	mg/L	0.003	5.10	mg/L	0.003	0.05%
QC value within limits for Sn	Recovery = 101.90%							

All analyte(s) passed QC.

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 0
Date Collected: 3/30/2006 11:44:33
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ICB

Analyte	Back Pressure	Flow
All	247.0 kPa	0.60 L/min

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	430248.0	100	%	0.8				0.83%
Yr	332263.1	96.79	%	0.464				0.48%
Ti†	1682.7	0.00156	mg/L	0.000344	0.00156	mg/L	0.000344	22.04%
QC value within limits for Ti	Recovery = Not calculated							
Sr†	156.0	0.00013	mg/L	0.000001	0.00013	mg/L	0.000001	0.56%
QC value within limits for Sr	Recovery = Not calculated							
SiO2†	78.2	0.0882	mg/L	0.02261	0.0882	mg/L	0.02261	25.64%
QC value within limits for SiO2	Recovery = Not calculated							
Sn†	20.3	0.00290	mg/L	0.000210	0.00290	mg/L	0.000210	7.25%
QC value within limits for Sn	Recovery = Not calculated							

All analyte(s) passed QC.

Sequence No.: 5
Sample ID: MRL
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 3/30/2006 11:47:35
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MRL

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: MRL

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	427142.2	99.8	%	0.20				0.20%
Yr	338689.4	98.66	%	1.425				1.44%
Ti†	23125.8	0.0215	mg/L	0.00003	0.0215	mg/L	0.00003	0.15%
QC value within limits for Ti	Recovery = 107.27%							
Sr†	12121.9	0.0100	mg/L	0.00007	0.0100	mg/L	0.00007	0.69%
QC value within limits for Sr	Recovery = 100.06%							
SiO2†	435.6	0.491	mg/L	0.0026	0.491	mg/L	0.0026	0.53%
QC value within limits for SiO2	Recovery = 114.76%							
Sn†	1377.5	0.197	mg/L	0.0006	0.197	mg/L	0.0006	0.33%
QC value within limits for Sn	Recovery = 98.40%							

All analyte(s) passed QC.

Sequence No.: 6
Sample ID: MBLANK
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 38
Date Collected: 3/30/2006 11:50:52
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MBLANK

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: MBLANK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	446652.5	104	%	0.7				0.71%
Yr	354049.0	103.1	%	0.10				0.10%
Ti†	591.7	0.00055	mg/L	0.000023	0.00055	mg/L	0.000023	4.17%
Sr†	23.0	0.00002	mg/L	0.000063	0.00002	mg/L	0.000063	330.94%
SiO2†	104.6	0.118	mg/L	0.0005	0.118	mg/L	0.0005	0.46%
Sn†	8.2	0.00117	mg/L	0.000068	0.00117	mg/L	0.000068	5.76%

Sequence No.: 7
Sample ID: LCS
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 39
Date Collected: 3/30/2006 11:54:07
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LCS

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: LCS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	419401.3	98.0	%	1.59				1.62%
Yr	341337.1	99.44	%	1.072				1.08%
Ti†	1121075.6	1.04	mg/L	0.001	1.04	mg/L	0.001	0.07%
Sr†	1207664.6	0.997	mg/L	0.0030	0.997	mg/L	0.0030	0.31%
SiO2†	314.9	0.355	mg/L	0.0104	0.355	mg/L	0.0104	2.93%
Sn†	6949.6	0.993	mg/L	0.0157	0.993	mg/L	0.0157	1.58%

Sequence No.: 8
Sample ID: LCSD
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 40
Date Collected: 3/30/2006 11:56:47
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: LCSD

Analyte	Back Pressure	Flow
All	248.0 kPa	0.60 L/min

Mean Data: LCSD

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	422926.2	98.8	%	0.69				0.70%
Yr	344184.7	100.3	%	1.61				1.61%
Ti†	1110358.3	1.03	mg/L	0.002	1.03	mg/L	0.002	0.19%
Sr†	1194235.3	0.986	mg/L	0.0048	0.986	mg/L	0.0048	0.49%
SiO2†	578.2	0.652	mg/L	0.0075	0.652	mg/L	0.0075	1.15%
Sn†	6902.5	0.986	mg/L	0.0106	0.986	mg/L	0.0106	1.08%

Sequence No.: 9
Sample ID: 2603240135
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 41
Date Collected: 3/30/2006 11:59:29
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135

Analyte	Back Pressure	Flow
All	249.0 kPa	0.60 L/min

Mean Data: 2603240135

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	387937.6	90.6	%	0.39				0.43%
Yr	331058.5	96.44	%	0.848				0.88%
Ti†	27546.9	0.0256	mg/L	0.00014	0.0256	mg/L	0.00014	0.55%
Sr†	5979487.6	4.94	mg/L	0.087	4.94	mg/L	0.087	1.76%
SiO2†	68721.3	77.5	mg/L	0.05	77.5	mg/L	0.05	0.07%
Sn†	96.1	0.0137	mg/L	0.00079	0.0137	mg/L	0.00079	5.79%

Sequence No.: 10
Sample ID: 2603240135MS
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 42
Date Collected: 3/30/2006 12:02:40
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135MS

Analyte	Back Pressure	Flow
All	250.0 kPa	0.60 L/min

Mean Data: 2603240135MS

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	377449.1	88.2	%	1.28				1.45%
Yr	316803.4	92.29	%	2.681				2.91%
Ti†	1171204.3	1.09	mg/L	0.003	1.09	mg/L	0.003	0.26%
Sr†	7337444.8	6.06	mg/L	0.193	6.06	mg/L	0.193	3.19%
SiO2†	69420.1	78.3	mg/L	0.09	78.3	mg/L	0.09	0.11%
Sn†	7291.6	1.04	mg/L	0.015	1.04	mg/L	0.015	1.45%

Sequence No.: 11
Sample ID: 2603240135MSD
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 43
Date Collected: 3/30/2006 12:05:15
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603240135MSD

Analyte	Back Pressure	Flow
All	253.0 kPa	0.60 L/min

Mean Data: 2603240135MSD

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	376333.6	87.9	%	0.25				0.28%
Yr	316245.0	92.13	%	0.396				0.43%
Ti†	1172444.7	1.09	mg/L	0.005	1.09	mg/L	0.005	0.48%
Sr†	7352337.2	6.07	mg/L	0.221	6.07	mg/L	0.221	3.64%
SiO2†	70371.2	79.4	mg/L	0.02	79.4	mg/L	0.02	0.02%
Sn†	7145.0	1.02	mg/L	0.032	1.02	mg/L	0.032	3.13%

Sequence No.: 12
Sample ID: 2603150119
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 44
Date Collected: 3/30/2006 12:07:52
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150119

Analyte	Back Pressure	Flow
All	251.0 kPa	0.60 L/min

Mean Data: 2603150119

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	457165.4	107	%	2.4				2.26%
Yr	360601.8	105.0	%	0.56				0.53%
Ti†	1952.5	0.00181	mg/L	0.000092	0.00181	mg/L	0.000092	5.08%
Sr†	2713.9	0.00224	mg/L	0.000082	0.00224	mg/L	0.000082	3.64%
SiO2†	302.7	0.341	mg/L	0.0059	0.341	mg/L	0.0059	1.73%
Sn†	7.9	0.00113	mg/L	0.000846	0.00113	mg/L	0.000846	74.79%

Sequence No.: 13
Sample ID: 2603150119MS
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 45
Date Collected: 3/30/2006 12:11:07
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150119MS

Analyte	Back Pressure	Flow
All	250.0 kPa	0.60 L/min

Mean Data: 2603150119MS

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	435181.5	102	%	1.3				1.32%
Yr	355950.2	103.7	%	0.27				0.26%
Ti†	1098393.1	1.02	mg/L	0.000	1.02	mg/L	0.000	0.01%
Sr†	1171934.2	0.967	mg/L	0.0037	0.967	mg/L	0.0037	0.38%
SiO2†	604.2	0.681	mg/L	0.0042	0.681	mg/L	0.0042	0.61%
Sn†	6966.5	0.995	mg/L	0.0126	0.995	mg/L	0.0126	1.27%

Sequence No.: 14
Sample ID: 2603090347
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 46
Date Collected: 3/30/2006 12:13:47
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603090347

Analyte	Back Pressure	Flow
All	250.0 kPa	0.60 L/min

Mean Data: 2603090347

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	409911.8	95.7	%	0.08				0.09%
Yr	347404.5	101.2	%	0.33				0.32%
Ti†	2472.7	0.00229	mg/L	0.000082	0.00229	mg/L	0.000082	3.57%
Sr†	1500207.2	1.24	mg/L	0.001	1.24	mg/L	0.001	0.04%
SiO2†	7566.4	8.53	mg/L	0.146	8.53	mg/L	0.146	1.71%
Sn†	74.4	0.0106	mg/L	0.00090	0.0106	mg/L	0.00090	8.51%

Sequence No.: 15
Sample ID: 2603100260
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 47
Date Collected: 3/30/2006 12:16:29
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603100260

Analyte	Back Pressure	Flow
All	252.0 kPa	0.60 L/min

Mean Data: 2603100260

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	460094.1	107	%	0.9				0.86%
Yr	359947.8	104.9	%	4.05				3.86%
Ti†	2006.6	0.00186	mg/L	0.000007	0.00186	mg/L	0.000007	0.38%
Sr†	2796.3	0.00231	mg/L	0.000025	0.00231	mg/L	0.000025	1.09%
SiO2†	440.0	0.496	mg/L	0.0207	0.496	mg/L	0.0207	4.18%
Sn†	11.9	0.00170	mg/L	0.001317	0.00170	mg/L	0.001317	77.60%

Sequence No.: 16
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 3/30/2006 12:19:46
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	251.0 kPa	0.60 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	457880.5	107	%	0.9				0.80%
Yr	360492.1	105.0	%	0.56				0.53%
Ti†	5505512.7	5.11	mg/L	0.005	5.11	mg/L	0.005	0.09%
QC value within limits for Ti Recovery = 102.15%								
Sr†	1864447.1	1.54	mg/L	0.016	1.54	mg/L	0.016	1.01%
QC value within limits for Sr Recovery = 102.60%								
SiO2†	49897.5	56.3	mg/L	0.04	56.3	mg/L	0.04	0.07%
QC value within limits for SiO2 Recovery = 105.17%								
Sn†	18343.1	2.62	mg/L	0.094	2.62	mg/L	0.094	3.60%
QC value within limits for Sn Recovery = 104.82%								

All analyte(s) passed QC.

Sequence No.: 17
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 0
Date Collected: 3/30/2006 12:22:25
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow

All	250.0 kPa	0.60 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	443694.5	104	%	0.0				0.04%
Yr	347332.4	101.2	%	0.98				0.97%
Ti†	1337.0	0.00124	mg/L	0.000211	0.00124	mg/L	0.000211	16.97%
QC value within limits for Ti Recovery = Not calculated								
Sr†	102.3	0.00008	mg/L	0.000054	0.00008	mg/L	0.000054	63.88%
QC value within limits for Sr Recovery = Not calculated								
SiO2†	21.5	0.0243	mg/L	0.00055	0.0243	mg/L	0.00055	2.25%
QC value within limits for SiO2 Recovery = Not calculated								
Sn†	3.1	0.00045	mg/L	0.000706	0.00045	mg/L	0.000706	157.01%
QC value within limits for Sn Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 18
Sample ID: 2603140472
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 48
Date Collected: 3/30/2006 12:25:29
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603140472

Analyte	Back Pressure	Flow
All	251.0 kPa	0.60 L/min

Mean Data: 2603140472

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	452460.0	106	%	0.9				0.89%
Yr	375518.2	109.4	%	1.19				1.09%
Ti†	1225.1	0.00114	mg/L	0.000258	0.00114	mg/L	0.000258	22.71%
Sr†	1115.0	0.00092	mg/L	0.000010	0.00092	mg/L	0.000010	1.07%
SiO2†	185.4	0.209	mg/L	0.0001	0.209	mg/L	0.0001	0.05%
Sn†	4.4	0.00063	mg/L	0.000029	0.00063	mg/L	0.000029	4.63%

Sequence No.: 19
Sample ID: 2603140436
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 49
Date Collected: 3/30/2006 12:29:11
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603140436

Analyte	Back Pressure	Flow
All	252.0 kPa	0.60 L/min

Mean Data: 2603140436

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	402589.0	94.0	%	0.41				0.44%
Yr	330107.8	96.16	%	2.390				2.49%
Ti†	184688.6	0.171	mg/L	0.0000	0.171	mg/L	0.0000	0.01%
Sr†	3515068.4	2.90	mg/L	0.056	2.90	mg/L	0.056	1.91%
SiO2†	98637.7	111	mg/L	0.4	111	mg/L	0.4	0.38%
Sn†	80.7	0.0115	mg/L	0.00144	0.0115	mg/L	0.00144	12.45%

Sequence No.: 20
Sample ID: 2603150120
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 50
Date Collected: 3/30/2006 12:32:24
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603150120

Analyte	Back Pressure	Flow
All	254.0 kPa	0.60 L/min

Mean Data: 2603150120

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	420965.5	98.3	%	1.03				1.05%
Yr	333884.0	97.26	%	1.613				1.66%
Ti†	589158.0	0.547	mg/L	0.0031	0.547	mg/L	0.0031	0.56%
Sr†	1776316.0	1.47	mg/L	0.005	1.47	mg/L	0.005	0.34%
SiO2†	192533.2	217	mg/L	1.0	217	mg/L	1.0	0.44%
Sn†	162.0	0.0231	mg/L	0.00082	0.0231	mg/L	0.00082	3.56%

Sequence No.: 21
Sample ID: 2603210144
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 51
Date Collected: 3/30/2006 12:35:31
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210144

Analyte	Back Pressure	Flow
All	257.0 kPa	0.60 L/min

Mean Data: 2603210144

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	406430.9	94.9	%	1.26				1.33%
Yr	331269.2	96.50	%	0.567				0.59%
Ti†	121045.8	0.112	mg/L	0.0003	0.112	mg/L	0.0003	0.29%
Sr†	2465729.3	2.04	mg/L	0.007	2.04	mg/L	0.007	0.34%
SiO2†	77840.3	87.8	mg/L	0.19	87.8	mg/L	0.19	0.22%
Sn†	67.7	0.00968	mg/L	0.000477	0.00968	mg/L	0.000477	4.93%

Sequence No.: 22
Sample ID: 2603210150
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 52
Date Collected: 3/30/2006 12:38:42
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210150

Analyte	Back Pressure	Flow
All	257.0 kPa	0.60 L/min

Mean Data: 2603210150

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	424403.1	99.1	%	1.71				1.72%
Yr	350861.3	102.2	%	0.28				0.27%
Ti†	41789.3	0.0388	mg/L	0.00012	0.0388	mg/L	0.00012	0.31%
Sr†	1422045.4	1.17	mg/L	0.009	1.17	mg/L	0.009	0.77%
SiO2†	46445.9	52.4	mg/L	0.07	52.4	mg/L	0.07	0.13%
Sn†	73.3	0.0105	mg/L	0.00062	0.0105	mg/L	0.00062	5.96%

Sequence No.: 23
Sample ID: 2603210153
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 53
Date Collected: 3/30/2006 12:41:53
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210153

Analyte	Back Pressure	Flow
All	260.0 kPa	0.60 L/min

Mean Data: 2603210153

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	417793.2	97.6	%	0.28				0.29%
Yr	347419.1	101.2	%	0.83				0.82%
Ti†	421346.3	0.391	mg/L	0.0001	0.391	mg/L	0.0001	0.02%
Sr†	3420658.3	2.82	mg/L	0.000	2.82	mg/L	0.000	0.02%
SiO2†	185018.2	209	mg/L	0.2	209	mg/L	0.2	0.12%
Sn†	78.7	0.0112	mg/L	0.00105	0.0112	mg/L	0.00105	9.32%

Sequence No.: 24
Sample ID: 2603210155
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 54
Date Collected: 3/30/2006 12:45:09
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210155

Analyte	Back Pressure	Flow
All	255.0 kPa	0.60 L/min

Mean Data: 2603210155

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	427659.4	99.9	%	0.14				0.14%
Yr	352929.1	102.8	%	0.67				0.65%
Ti†	177388.4	0.165	mg/L	0.0002	0.165	mg/L	0.0002	0.11%
Sr†	2466407.5	2.04	mg/L	0.034	2.04	mg/L	0.034	1.69%
SiO2†	92164.4	104	mg/L	0.2	104	mg/L	0.2	0.23%
Sn†	59.0	0.00843	mg/L	0.000095	0.00843	mg/L	0.000095	1.12%

Sequence No.: 25
Sample ID: 2603210156
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 55
Date Collected: 3/30/2006 12:48:20
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603210156

Analyte	Back Pressure	Flow
All	256.0 kPa	0.60 L/min

Mean Data: 2603210156

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	418209.3	97.7	%	1.02				1.05%
Yr	335721.6	97.80	%	0.448				0.46%
Ti†	68695.4	0.0637	mg/L	0.00019	0.0637	mg/L	0.00019	0.29%
Sr†	2503430.2	2.07	mg/L	0.029	2.07	mg/L	0.029	1.39%
SiO2†	70155.7	79.1	mg/L	0.16	79.1	mg/L	0.16	0.20%
Sn†	55.9	0.00799	mg/L	0.000529	0.00799	mg/L	0.000529	6.62%

Sequence No.: 26
Sample ID: 2603220347
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 56
Date Collected: 3/30/2006 12:51:32
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220347

Analyte	Back Pressure	Flow
All	259.0 kPa	0.60 L/min

Mean Data: 2603220347

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	409092.9	95.6	%	3.15				3.30%
Yr	344891.0	100.5	%	1.63				1.63%
Ti†	80116.4	0.0743	mg/L	0.00018	0.0743	mg/L	0.00018	0.24%
Sr†	3212135.0	2.65	mg/L	0.094	2.65	mg/L	0.094	3.54%
SiO2†	84636.4	95.4	mg/L	0.11	95.4	mg/L	0.11	0.11%
Sn†	65.5	0.00936	mg/L	0.000556	0.00936	mg/L	0.000556	5.94%

Sequence No.: 27
Sample ID: 2603220348
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 57
Date Collected: 3/30/2006 12:54:45
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220348

Analyte	Back Pressure	Flow
All	260.0 kPa	0.60 L/min

Mean Data: 2603220348

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	437478.5	102	%	0.1				0.07%
Yr	354991.2	103.4	%	0.16				0.15%
Ti†	27841.5	0.0258	mg/L	0.00001	0.0258	mg/L	0.00001	0.06%
Sr†	1396889.2	1.15	mg/L	0.011	1.15	mg/L	0.011	0.92%
SiO2†	47250.5	53.3	mg/L	0.10	53.3	mg/L	0.10	0.19%
Sn†	54.4	0.00777	mg/L	0.001703	0.00777	mg/L	0.001703	21.93%

Sequence No.: 28
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 3/30/2006 12:58:02
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCV

Analyte	Back Pressure	Flow
All	256.0 kPa	0.60 L/min

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Sca	458619.0	107	%	0.0				0.05%
Yr	356625.2	103.9	%	1.96				1.89%
Ti†	5520199.7	5.12	mg/L	0.015	5.12	mg/L	0.015	0.29%
QC value within limits for Ti Recovery = 102.43%								
Sr†	1847238.0	1.52	mg/L	0.050	1.52	mg/L	0.050	3.31%
QC value within limits for Sr Recovery = 101.65%								
SiO2†	49901.9	56.3	mg/L	0.33	56.3	mg/L	0.33	0.59%
QC value within limits for SiO2 Recovery = 105.18%								
Sn†	18196.7	2.60	mg/L	0.002	2.60	mg/L	0.002	0.09%
QC value within limits for Sn Recovery = 103.99%								

All analyte(s) passed QC.

Sequence No.: 29
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 0
Date Collected: 3/30/2006 13:00:44
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: CCB

Analyte	Back Pressure	Flow
All	255.0 kPa	0.60 L/min

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	438746.1	102	%	0.5				0.44%
Yr	353320.1	102.9	%	0.33				0.32%
Ti†	1187.2	0.00110	mg/L	0.000108	0.00110	mg/L	0.000108	9.83%
QC value within limits for Ti Recovery = Not calculated								
Sr†	90.7	0.00007	mg/L	0.000058	0.00007	mg/L	0.000058	77.44%
QC value within limits for Sr Recovery = Not calculated								
SiO2†	5.4	0.00605	mg/L	0.000737	0.00605	mg/L	0.000737	12.18%
QC value within limits for SiO2 Recovery = Not calculated								
Sn†	5.7	0.00081	mg/L	0.000610	0.00081	mg/L	0.000610	75.09%
QC value within limits for Sn Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 30
Sample ID: 2603220357
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 58
Date Collected: 3/30/2006 13:03:50
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220357

Analyte	Back Pressure	Flow
All	256.0 kPa	0.60 L/min

Mean Data: 2603220357

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	423068.5	98.8	%	0.10				0.10%
Yr	348148.6	101.4	%	1.85				1.82%
Ti†	9981.1	0.00926	mg/L	0.000189	0.00926	mg/L	0.000189	2.04%
Sr†	1428227.1	1.18	mg/L	0.010	1.18	mg/L	0.010	0.85%
SiO2†	45332.2	51.1	mg/L	0.33	51.1	mg/L	0.33	0.65%
Sn†	57.0	0.00815	mg/L	0.001267	0.00815	mg/L	0.001267	15.55%

Sequence No.: 31
Sample ID: 2603220360
Analyst:
Initial Sample Wt:
Dilution: 1X

Autosampler Location: 59
Date Collected: 3/30/2006 13:07:05
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: 2603220360

Analyte	Back Pressure	Flow
All	261.0 kPa	0.60 L/min

Mean Data: 2603220360

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Sca	414620.2	96.8	%	1.58				1.63%
Yr	351882.4	102.5	%	0.71				0.69%
Ti†	10615.2	0.00985	mg/L	0.000050	0.00985	mg/L	0.000050	0.51%
Sr†	3640287.3	3.00	mg/L	0.031	3.00	mg/L	0.031	1.03%
SiO2†	70786.3	79.8	mg/L	0.14	79.8	mg/L	0.14	0.17%
Sn†	64.6	0.00923	mg/L	0.000328	0.00923	mg/L	0.000328	3.55%

Sequence No.: 32
Sample ID: 2603230069
Analyst:
Initial Sample Wt:

Autosampler Location: 60
Date Collected: 3/30/2006 13:10:18
Data Type: Original
Initial Sample Vol:

Dilution: 1X Sample Prep Vol:

Nebulizer Parameters: 2603230069

Analyte	Back Pressure	Flow
All	265.0 kPa	0.60 L/min

Mean Data: 2603230069

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	408497.4	95.4	%	1.52				1.60%
Yr	344298.8	100.3	%	1.34				1.34%
Ti†	7009.3	0.00650	mg/L	0.000075	0.00650	mg/L	0.000075	1.16%
Sr†	6224861.8	5.14	mg/L	0.013	5.14	mg/L	0.013	0.26%
SiO2†	81268.3	91.6	mg/L	0.41	91.6	mg/L	0.41	0.45%
Sn†	75.7	0.0108	mg/L	0.00119	0.0108	mg/L	0.00119	11.00%

Sequence No.: 33 Autosampler Location: 61
Sample ID: 2603230197 Date Collected: 3/30/2006 13:13:37
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Nebulizer Parameters: 2603230197

Analyte	Back Pressure	Flow
All	261.0 kPa	0.60 L/min

Mean Data: 2603230197

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	432649.3	101	%	1.0				1.01%
Yr	349866.4	101.9	%	1.54				1.51%
Ti†	69093.2	0.0641	mg/L	0.00028	0.0641	mg/L	0.00028	0.43%
Sr†	1378012.2	1.14	mg/L	0.005	1.14	mg/L	0.005	0.41%
SiO2†	48273.2	54.4	mg/L	0.10	54.4	mg/L	0.10	0.18%
Sn†	49.4	0.00706	mg/L	0.000531	0.00706	mg/L	0.000531	7.52%

Sequence No.: 34 Autosampler Location: 62
Sample ID: 2603240122 Date Collected: 3/30/2006 13:16:50
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Nebulizer Parameters: 2603240122

Analyte	Back Pressure	Flow
All	259.0 kPa	0.60 L/min

Mean Data: 2603240122

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	434856.4	102	%	0.8				0.79%
Yr	341463.3	99.47	%	0.125				0.13%
Ti†	1541406.8	1.43	mg/L	0.009	1.43	mg/L	0.009	0.60%
Sr†	1517198.4	1.25	mg/L	0.001	1.25	mg/L	0.001	0.09%
SiO2†	267489.8	302	mg/L	1.0	302	mg/L	1.0	0.32%
Sn†	17.8	0.00254	mg/L	0.000356	0.00254	mg/L	0.000356	14.04%

Sequence No.: 35 Autosampler Location: 63
Sample ID: 2603240118 Date Collected: 3/30/2006 13:19:58
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: 1X Sample Prep Vol:

Nebulizer Parameters: 2603240118

Analyte	Back Pressure	Flow
All	260.0 kPa	0.60 L/min

Mean Data: 2603240118

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	408923.1	95.5	%	0.54				0.56%
Yr	339800.3	98.99	%	0.024				0.02%
Ti†	7707.8	0.00715	mg/L	0.000016	0.00715	mg/L	0.000016	0.23%
Sr†	1433534.1	1.18	mg/L	0.001	1.18	mg/L	0.001	0.08%
SiO2†	3977.2	4.48	mg/L	0.088	4.48	mg/L	0.088	1.97%
Sn†	35.5	0.00507	mg/L	0.001290	0.00507	mg/L	0.001290	25.46%

Sequence No.: 36
Sample ID: ECV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 3/30/2006 13:22:42
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ECV

Analyte	Back Pressure	Flow
All	261.0 kPa	0.60 L/min

Mean Data: ECV

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	463174.2	108	%	1.0				0.89%
Yr	367773.6	107.1	%	1.66				1.55%
Ti†	5519345.3	5.12	mg/L	0.017	5.12	mg/L	0.017	0.33%
QC value within limits for Ti Recovery = 102.41%								
Sr†	1832704.8	1.51	mg/L	0.023	1.51	mg/L	0.023	1.54%
QC value within limits for Sr Recovery = 100.85%								
SiO2†	49975.8	56.4	mg/L	0.40	56.4	mg/L	0.40	0.70%
QC value within limits for SiO2 Recovery = 105.33%								
Sn†	18153.9	2.59	mg/L	0.003	2.59	mg/L	0.003	0.13%
QC value within limits for Sn Recovery = 103.74%								

All analyte(s) passed QC.

Sequence No.: 37
Sample ID: ECB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 0
Date Collected: 3/30/2006 13:25:21
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: ECB

Analyte	Back Pressure	Flow
All	262.0 kPa	0.60 L/min

Mean Data: ECB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	437415.6	102	%	0.3				0.25%
Yr	354062.2	103.1	%	1.31				1.27%
Ti†	1155.3	0.00107	mg/L	0.000076	0.00107	mg/L	0.000076	7.05%
QC value within limits for Ti Recovery = Not calculated								
Sr†	137.0	0.00011	mg/L	0.000014	0.00011	mg/L	0.000014	12.35%
QC value within limits for Sr Recovery = Not calculated								
SiO2†	12.1	0.0137	mg/L	0.01024	0.0137	mg/L	0.01024	74.76%
QC value within limits for SiO2 Recovery = Not calculated								
Sn†	4.6	0.00065	mg/L	0.000653	0.00065	mg/L	0.000653	100.21%
QC value within limits for Sn Recovery = Not calculated								

All analyte(s) passed QC.

Sequence No.: 38
Sample ID: MRL
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 3/30/2006 13:28:27
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Nebulizer Parameters: MRL

Analyte	Back Pressure	Flow
All	262.0 kPa	0.60 L/min

Mean Data: MRL

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Sca	448866.5	105	%	1.4				1.36%
Yr	357768.9	104.2	%	1.96				1.88%
Ti†	22813.8	0.0212	mg/L	0.00006	0.0212	mg/L	0.00006	0.26%
QC value within limits for Ti Recovery = 105.83%								
Sr†	12023.8	0.00992	mg/L	0.000020	0.00992	mg/L	0.000020	0.20%
QC value within limits for Sr Recovery = 99.25%								
SiO2†	411.6	0.464	mg/L	0.0069	0.464	mg/L	0.0069	1.49%
QC value within limits for SiO2 Recovery = 108.45%								
Sn†	1393.8	0.199	mg/L	0.0053	0.199	mg/L	0.0053	2.68%
QC value within limits for Sn Recovery = 99.56%								

All analyte(s) passed QC.

Analytical Sequence
Method: SiSrSnTiLi.5

Seq.	Loc.	ID	Status
1	0	Calib Blank 1	Applied
2	15	Standard 2	Applied
3	15	ICV	QC Passed
4	0	ICB	QC Passed
5	20	MRL	QC Passed
6	38	MBLANK	Analyzed
7	39	LCS	Analyzed
8	40	LCSD	Analyzed
9	41	2603240135	Analyzed
10	42	2603240135MS	Analyzed
11	43	2603240135MSD	Analyzed
12	44	2603150119	Analyzed
13	45	2603150119MS	Analyzed
14	46	2603090347	Analyzed
15	47	2603100260	Analyzed
16	13	CCV	QC Passed
17	0	CCB	QC Passed
18	48	2603140472	Analyzed
19	49	2603140436	Analyzed
20	50	2603150120	Analyzed
21	51	2603210144	Analyzed
22	52	2603210150	Analyzed
23	53	2603210153	Analyzed
24	54	2603210155	Analyzed
25	55	2603210156	Analyzed
26	56	2603220347	Analyzed
27	57	2603220348	Analyzed
28	13	CCV	QC Passed
29	0	CCB	QC Passed
30	58	2603220357	Analyzed
31	59	2603220360	Analyzed
32	60	2603230069	Analyzed
33	61	2603230197	Analyzed
34	62	2603240122	Analyzed
35	63	2603240118	Analyzed
36	13	ECV	QC Passed
37	0	ECB	QC Passed
38	21	MRL	QC Passed

Dilutions required for group 169580

GROUP#	SAMPLE#	SAMPLE ID	PARAMETER	RESULT	DILUTION	REASON
169580	2603140436	TR-10A	CL9056	120	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO29056	ND	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	NO39056	0.73	5	Diluted based on Specific Conductance check
169580	2603140436	TR-10A	SO49056	953	20	Result above calibration range
169580	2603140436	TR-10A	CRVI7199	57	2	Result above calibration range
169580	2603140436	TR-10A	CLO3	9220	20	Result above calibration range
169580	2603140436	TR-10A	CLO4	860	50	Result above calibration range
169580	2603140436	TR-10A	B6010	1.4	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	CA6010	140	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	FE6010	2.8	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	K6010	15	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	MG6010	54	2	Diluted based on color, sodium content
169580	2603140436	TR-10A	NA6010	300	2	Result above calibration range but less than linear range check
169580	2603140436	TR-10A	AL-MS620	2000	5	Result above calibration range

Project No.

TITLE Book No.

From Page No.

LOG #	CLIENT	SDG ID	MTX	VOLUME	COMMENTS
	200.7 AND 200.8		3/29/06		FOR 200.7 ↓
BLANK		DIGESTION	2 SEPARATE BATCHES	SAME LOG	HNO3 R# 100343
LCS					HCL R# 100361 2.5
LCSD					spike
260324 0120 MS	ENSR-TRONOX	M-121	AQ	50ml → 50ml	ME 0503020
260324 0119 MS					ME 0512001 > 0.5ml
260324 0111					ME 0511001 → (50ml)
260315 0119 MS	ENSR-TRONOX	EB-2			
260309 0347	ENSR-TRONOX	FB-1			FOR 200.8
260310 0260	ENSR-TRONOX	EB-1			HNO3 R# 100343
260314 0436	ENSR-TRONOX	TR-10A			HCL R# 100361
0472		PUMP BLANK			
260315 0120		TR-9A			ME 0503020 → (50ml)
260321 0144		TR-8A			
260321 0150		TR-7A			
0153		M-103A			
0155		TR-8			
0156		TR-8			
260322 0347		M-103			
260322 0348		TR-7			
260322 0357		TR-9			
0360		TR-10			
260323 0069		M-120			
0197		M-118			
260324 0118		H-11A			
260324 0122		M-117			

6010 & 6020

BOTH ~~200.7 + 200.8~~ SEPARATE BATCHES SAME SAMPLE ORDER 5/22/06

To Page No.

Witnessed & Understood by me, Date Invented by Date

STANDARD DOCUMENTATION

Acid

Nitric acid:	R# 100360
Hydrochloric acid:	R# 100369

Standard Calibration

Standard 1 / MRL:	1:10000 of ME0507006 (1.00mL of ME0512004 / 100mL)
Standard 2 / CCV:	1:1000 of ME0510003 (ME0512005)
Standard 3:	1:400 of ME0510003 (ME0512006)
Linearity:	1:100 of ME0510003 (0.25mL of ME0510003 / 50 mL)
MCV (2nd source):	1:1000 of ME0511002 (ME0601002)
Uranium Calibration:	ME0511003
Iodide Calibration:	R201240
Iodide 2nd Source:	R201250

ICSA/AB

ICSA:	1:5 of ME0503013
ICSAB:	1:5 of ME0503014

LCS/MS/MSD

LCS/MS Spiking solution:	1:1000 of ME05030020 (ME0601001)

Internal Standard:	ME0406036
Germanium Standard:	ME0504001

Date Updated: 01/09/06

Intial: DYH
Date: 12/29/05

METALS STANDARD DOCUMENTATION

Standard:	ICPMS MRL Working Solution	**ME #:**	0512004
Date Received/Prepped:	12/29/2005	**By:**	DYH
Date Expired:	6/29/2005	**Lot #:**	Y-MEB191139
Manufacturer:	MWH-DYH	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	
Amount:	100 mL	**Room temp. storage**	

Component	Comment	Conc.	Unit:
Ag	1 mL ME0507006 / 100 mL	50	ppb
Al	of 2% HNO3	2500	ppb
As		100	ppb
B		1000	ppb
Ba		200	ppb
Be		100	ppb
Cd		50	ppb
Co		200	ppb
Cr		100	ppb
Cu		200	ppb
Mn		200	ppb
Mo		200	ppb
Ni		500	ppb
Pb		50	ppb
Sb		100	ppb
Se		500	ppb
Sn		100	ppb
Tl		100	ppb
U		100	ppb
V		300	ppb
Zn		500	ppb

Intial: ptn
Date: 7/26/05

METALS STANDARD DOCUMENTATION

Standard:	ICPMS MRL Stock Standard	**ME #:**	0507006
Date Received/Prepped:	7/26/2005	**By:**	DTN
Date Expired:	8/1/2006	**Lot #:**	Y-MEB191139
Manufacturer:	Inorganic Ventures	**Certificate:**	YES
Matrix:	5% HNO3	**NIST SRM:**	Various
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag	Cat #: MWH-STD-3	5	ug/ml
Al		250	ug/ml
As		10	ug/ml
B		100	ug/ml
Ba		20	ug/ml
Be		10	ug/ml
Cd		5	ug/ml
Co		20	ug/ml
Cr		10	ug/ml
Cu		20	ug/ml
Mn		20	ug/ml
Mo		20	ug/ml
Ni		50	ug/ml
Pb		5	ug/ml
Sb		10	ug/ml
Se		50	ug/ml
Sn		10	ug/ml
Tl		10	ug/ml
U		10	ug/ml
V		30	ug/ml
Zn		50	ug/ml

inorganic ventures / iv labs

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certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

2.0 **Custom-Grade: DESCRIPTION OF CRM** Tailor-Made Solution
Part No. / Catalog No.: MWH-STD-3
Lot Number: **Y-MEB191139**
Matrix: tr. HF, 5% HNO3(abs)

250.00 µg/mL each:
Al,
50.00 µg/mL each:
Ni, Se, Zn,
30.00 µg/mL each:
V,
20.00 µg/mL each:
Ba, Co, Cu, Mn, Mo,
10.00 µg/mL each:
As, Be, Cr3, Sb, Sn, Tl, U,
5.00 µg/mL each:
Ag, Cd, Pb

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	250.0 ± 1.5 µg/mL	Antimony, Sb	10.01 ± 0.04 µg/mL	Arsenic, As	10.03 ± 0.04 µg/mL
Barium, Ba	20.06 ± 0.05 µg/mL	Beryllium, Be	10.02 ± 0.04 µg/mL	Cadmium, Cd	5.002 ± 0.035 µg/mL
Chromium+3, Cr3	9.99 ± 0.04 µg/mL	Cobalt, Co	20.02 ± 0.05 µg/mL	Copper, Cu	20.00 ± 0.07 µg/mL
Lead, Pb	5.004 ± 0.033 µg/mL	Manganese, Mn	20.04 ± 0.05 µg/mL	Molybdenum, Mo	20.06 ± 0.04 µg/mL
Nickel, Ni	50.06 ± 1.11 µg/mL	Selenium, Se	50.04 ± 0.61 µg/mL	Silver, Ag	5.005 ± 0.034 µg/mL
Thallium, Tl	10.02 ± 0.04 µg/mL	Tin, Sn	10.00 ± 0.05 µg/mL	Uranium, U	9.98 ± 0.04 µg/mL
Vanadium, V	30.06 ± 0.38 µg/mL	Zinc, Zn	49.95 ± 1.14 µg/mL		

Certified Density: 1.041 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$

Uncertainty $(\pm) = \frac{2[(\sum s_i)^2]^{1/2}}{(n)^{1/2}}$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = The summation of all significant estimated errors. (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

Intial: DTV
Date: 12/30/05

METALS STANDARD DOCUMENTATION

Standard:	ICPMS Mid-Level Standard 2	**ME #:**	0512005
Date Received/Prepped:	12/30/2005	**By:**	DTN
Date Expired:	11/1/2006	**Lot #:**	
Manufacturer:	MWH-DTN	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	
Amount:	100 mL	**Room temp. storage**	

Component	Comment	Conc.	Unit:
As	0.1 mL ME0510003 dilute to	100	ug/L
Be	100 mL of 2% HNO3	100	ug/L
Ca		100	ug/L
Cd	If larger amount is required:	100	ug/L
Co		100	ug/L
Cr	0.25 mL ME0510003 dilute to	100	ug/L
Cu	250 mL of 2% HNO3	100	ug/L
Fe		100	ug/L
Mg		100	ug/L
Mn		100	ug/L
Mo		100	ug/L
Ni		100	ug/L
Pb		100	ug/L
Sb		100	ug/L
Se		100	ug/L
Sr		100	ug/L
Ti		100	ug/L
Tl		100	ug/L
V		100	ug/L
Zn		100	ug/L
Ag		100	ug/L
Al		100	ug/L
B		100	ug/L
Ba		100	ug/L
K		1000	ug/L
Na		100	ug/L
Si		50	ug/L

NOTE: Prepare fresh daily. The expiration date of the stock standard, 11/1/2006, shall not be exceeded.

Intial: DTW
Date: 12/30/05

METALS STANDARD DOCUMENTATION

Standard:	ICPMS High-Level Standard 3	**ME #:**	0512006
Date Received/Prepped:	12/30/2005	**By:**	DTN
Date Expired:	11/1/2006	**Lot #:**	
Manufacturer:	MWH-DTN	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	
Amount:	50 mL	**Room temp. storage**	

Component	Comment	Conc. Unit:
As	0.125 mL ME0510003 dilute to	250 ug/L
Be	50 mL of 2% HNO3	250 ug/L
Ca		250 ug/L
Cd	If larger amount is required:	250 ug/L
Co		250 ug/L
Cr	0.25 mL ME0510003 dilute to	250 ug/L
Cu	100 mL of 2% HNO3	250 ug/L
Fe		250 ug/L
Mg		250 ug/L
Mn		250 ug/L
Mo		250 ug/L
Ni		250 ug/L
Pb		250 ug/L
Sb		250 ug/L
Se		250 ug/L
Sr		250 ug/L
Ti		250 ug/L
Tl		250 ug/L
V		250 ug/L
Zn		250 ug/L
Ag		250 ug/L
Al		250 ug/L
B		250 ug/L
Ba		250 ug/L
K		250 ug/L
Na		250 ug/L
Si		250 ug/L

NOTE: Prepare fresh daily. The expiration date of the stock standard, 11/1/2006, shall not be exceeded.

Intial: WBH
Date: 10/10/05

METALS STANDARD DOCUMENTATION

Standard:	ICPMS Calibration Std	**ME #:**	510003
Date Received/Prepped:	10/10/2005	**By:**	WBH
Date Expired:	11/1/2006	**Lot #:**	Y-MEB156118
Manufacturer:	Inorganic Ventrue	**Certificate:**	Y
Matrix:	5% HNO3 + tr. HF Acid	**NIST SRM:**	Various
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
AS	IV-26	100	ppm
Be		100	ppm
Ca		100	ppm
Cd		100	ppm
Co		100	ppm
Cr		100	ppm
Cu		100	ppm
Fe		100	ppm
Mg		100	ppm
Mn		100	ppm
Mo		100	ppm
Ni		100	ppm
Pb		100	ppm
Sb		100	ppm
Se		100	ppm
Sr		100	ppm
Ti		100	ppm
Tl		100	ppm
V		100	ppm
Zn		100	ppm
Ag		100	ppm
Al		100	ppm
B		100	ppm
Ba		100	ppm
K		1000	ppm
Na		100	ppm
Si		50	ppm

inorganic ventures / iv labs

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e-mail: ivsales@ivstandards.com • website: www.ivstandards.com

certificate of analysis

1.0 **Inorganic Ventures / IV Labs is an ISO Guide 34-2000 Certified Reference Material (CRM) Manufacturer: Certificate #883-02.** The certificate is designed and the certified value(s) and uncertainty(ies) are determined in accordance with ISO Guide 31-2000 (Reference Materials - Contents of certificates and label(s), ISO Guide 34-2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statisical Principles."

MF05/0003

2.0 **DESCRIPTION OF CRM**

Environmental: Second Source Solution
Part No. / Catalog No.: IV-26
Lot Number: **Y-MEB156118**
Matrix: tr. HF, 5% HNO3(abs)

Second Source: This solution was manufactured from a second set of concentrates maintained in our manufacturing facility.

1,000.00 µg/mL each:
K,

100.00 µg/mL each:
Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr3, Cu, Fe, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Ti, Tl, V, Zn,

50.00 µg/mL each:
Si

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	100.0 ± 0.4 µg/mL	Antimony, Sb	99.9 ± 0.2 µg/mL	Arsenic, As	100.0 ± 0.6 µg/mL
Barium, Ba	100.1 ± 0.1 µg/mL	Beryllium, Be	99.8 ± 0.2 µg/mL	Boron, B	100.2 ± 0.2 µg/mL
Cadmium, Cd	100.0 ± 0.2 µg/mL	Calcium, Ca	100.3 ± 0.3 µg/mL	Chromium+3, Cr3	100.0 ± 0.3 µg/mL
Cobalt, Co	99.9 ± 0.2 µg/mL	Copper, Cu	99.8 ± 0.2 µg/mL	Iron, Fe	100.0 ± 0.2 µg/mL
Lead, Pb	99.9 ± 0.2 µg/mL	Magnesium, Mg	99.8 ± 0.3 µg/mL	Manganese, Mn	99.9 ± 0.2 µg/mL
Molybdenum, Mo	100.1 ± 0.4 µg/mL	Nickel, Ni	100.0 ± 0.3 µg/mL	Potassium, K	1,001 ± 1 µg/mL
Selenium, Se	99.9 ± 0.3 µg/mL	Silicon, Si	50.00 ± 0.22 µg/mL	Silver, Ag	99.9 ± 0.2 µg/mL
Sodium, Na	100.0 ± 0. 1 µg/mL	Thallium, Tl	99.9 ± 0.3 µg/mL	Titanium, Ti	99.8 ± 0.3 µg/mL
Vanadium, V	99.9 ± 0.3 µg/mL	Zinc, Zn	99.9 ± 0.2 µg/mL		

Certified Density: 1.048 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\sum x_i}{n}$$

$$\text{Uncertainty } (\pm) = 2\left[\frac{\left(\sum s_i\right)^2}{(n)^{n_2}}\right]^{1/2}$$

$(\bar{x})$ = mean
x_i = individual results
n = number of measurements
$\sum s_i$ = The summation of all significant estimated errors. (Most common are the errors from instrumental measurement, weighing, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO ViM, 2nd ed., 1993, definition 6.10)
- This iV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors.

Intial: DTN
Date: 1/9/06

METALS STANDARD DOCUMENTATION

Standard:	ICPMS MCV solution	**ME #:**	0601002
Date Received/Prepped:	1/9/2006	**By:**	DTN
Date Expired:	10/31/2006	**Lot #:**	
Manufacturer:	MWH-DTN	**Certificate:**	
Matrix:	5% HNO3	**NIST SRM:**	
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag	0.1 mL of ME0511002 / 100 mL of	20	ug/L
Al	5% HNO3	100	ug/L
As		100	ug/L
B		50.2	ug/L
Ba	Note:	100	ug/L
Be	Prepare fresh weekly	40.1	ug/L
Ca		1000	ug/L
Cd	To be used as 3rd source QC sample	50.1	ug/L
Co		100	ug/L
Cr		99.7	ug/L
Cu		100	ug/L
Fe		99.8	ug/L
K		1000	ug/L
Mg		1000	ug/L
Mn		100	ug/L
Mo		99.8	ug/L
Na		1000	ug/L
Ni		100	ug/L
Pb		100	ug/L
Sb		100	ug/L
Se		100	ug/L
Tl		100	ug/L
V		100	ug/L
Zn		100	ug/L

Intial: WBH
Date: 11/8/05

METALS STANDARD DOCUMENTATION

Standard:	ICP CCV/MCV Stock Standard	**ME #:**	0511002
Date Received/Prepped:	11/8/2005	**By:**	WBH
Date Expired:	10/31/2006	**Lot #:**	012607A
Manufacturer:	Crescent Chemical	**Certificate:**	Y
Matrix:	5% HNO3	**NIST SRM:**	Varius
Amount:	500 mL x 2	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag		20	ppm
Al		100	ppm
As		100	ppm
B		50.2	ppm
Ba		100	ppm
bE		40.1	ppm
Ca		1000	ppm
Cd		50.1	ppm
Co		100	ppm
Cr		99.7	ppm
Cu		100	ppm
Fe		99.8	ppm
K		1000	ppm
Mg		1000	ppm
Mn		100	ppm
Mo		99.8	ppm
Na		1000	ppm
Ni		100	ppm
Pb		100	ppm
Sb		100	ppm
Se		100	ppm
Tl		100	ppm
V		100	ppm
Zn		100	ppm

Laboratory Report - Certificate of Analysis

Custom Multi Standard
CATALOG NO: CCS-1161

MZ051102

CONTENTS: See Below

MATRIX: 5% HNO_3

LOT NO.: 012607A

This solution is intended for use as a calibration standard for plasma emission spectroscopy (ICP or DCP). It is a multi element solution, that was prepared gravimetrically to contain the elements/concentrations shown below.

In order to verify the concentration, the final solution was checked against the following NIST SRMS by plasma emission spectrometry (ICP or DCP): 3101a, 3102a, 3103a, 3107, 3104a, 3105a, 3108, 3112a, 3113, 3114, 3128, 3132, 3134, 3136, 3149, 3151, 3158, 3161a, 3165 and 3168a.

Concentrations are given in µg/mL unless noted otherwise.

Ag 20.1	Al 99.7	As 100	B 50.0	Ba 100
Be 39.9	Ca 997	Cd 50.4	Co 99.8	Cr 99.8
Cu 99.8	Fe 100	K 1,000	Mg 1,000	Mn 100
Mo 101	Na 1,000	Ni 100	Pb 99.8	Sb 100
Se 100	Tl 99.9	V 100	Zn 99.9	

Crescent Chemical Co. Inc.

Julie M. Meidorn
QA Manager

EXPIRES: October 2006

CRESCENT CHEMICAL CO, INC., waives all responsibility for any damages resulting from the usage and/or implementation of the products/data described herein.

Crescent Chemical Co, Inc., 1324 Motor Parkway, Islandia, NY 11749
(631) 348-0333 - Fax (631) 348-0913

Intial: WBH
Date: 11/17/05

METALS STANDARD DOCUMENTATION

Standard:	Uranium Stock Standard	**ME #:**	511003
Date Received/Prepped:	11/17/2005	**By:**	WBH
Date Expired:	10/31/2007	**Lot #:**	B40425
Manufacturer:	JT Baker	**Certificate:**	N
Matrix:	5% HNO3	**NIST SRM:**	NA
Amount:	100 mL	Room temp. storage	

Component	Comment	Conc.	Unit:
U	5788-04	1000	ppm

Intial: DYH
Date: 3/23/05

METALS STANDARD DOCUMENTATION

Standard:	ICP-MS Interference Check Soln. AB	**ME #:**	0503014
Date Received/Prepped:	3/23/2005	**By:**	DYH
Date Expired:	9/21/2006	**Lot #:**	4HK191
Manufacturer:	CPI International	**Certificate:**	Y
Matrix:	2% HNO3	**NIST SRM:**	
Amount:	250 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Ag	(P/N 4400-ICP-MS-ICS)	0.1	ug/mL
Al		500	ug/mL
As		0.1	ug/mL
C		1000	ug/mL
Ca		500	ug/mL
Cd		0.05	ug/mL
Cl		3600	ug/mL
Co		0.2	ug/mL
Cr		0.1	ug/mL
Cu		0.1	ug/mL
Fe		500	ug/mL
K		500	ug/mL
Mg		500	ug/mL
Mo		10	ug/mL
Mn		0.1	ug/mL
NA		500	ug/mL
Ni		0.2	ug/mL
P		500	ug/mL
Se		0.1	ug/mL
Se		500	ug/mL
Ti		10	ug/mL
V		0.2	ug/mL
Zn		0.1	ug/mL

ME0503014

SEP 21 06

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CERTIFICATE OF ANALYSIS

P/N 4400-ICP-MS-ICS

ICP-MS Interference Check Solution
Solution AB
in 2% HNO_3 + tr HF

Lot # 4HK191

Material Source: Metals and Salts
Source Purity: 99.99+%

Elements and Concentrations: µg/mL

Ag	0.100	Al	500.0	As	0.100	C	1000.0
Ca	500.0	Cd	0.050	Cl	3600.0	Co	0.200
Cr	0.100	Cu	0.100	Fe	500.0	K	500.0
Mg	500.0	Mo	10.0	Mn	0.100	Na	500.0
Ni	0.200	P	500.0	Se	0.100	S	500.0
Ti	10.0	V	0.200	Zn	0.100		

This standard solution was prepared using high-purity reference materials, sub-boiled distilled nitric and hydrofluoric acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: DYH
Date: 3/23/05

METALS STANDARD DOCUMENTATION

Standard: ICP-MA Interference Check Solution A
Date Received/Prepped: 3/23/2005
Date Expired: 9/21/2006
Manufacturer: CPI International
Matrix: 2% HNO3
Amount: 250 mL

ME #: 0503013
By: DYH
Lot #: 4HK191
Certificate: Y
NIST SRM:
Storage: Room Temp

Component	Comment	Conc.	Unit:
Al	(P/N 4400-ICP-MS-ICS)	500	ug/mL
C		1000	ug/mL
Ca		500	ug/mL
Cl		3600	ug/mL
Fe		500	ug/mL
K		500	ug/mL
Mg		500	ug/mL
Mo		10	ug/mL
Na		500	ug/mL
P		500	ug/mL
S		500	ug/mL
Ti		10	ug/mL

ME0503013

SEP 01 06

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The Netherlands www.cpiinternational.com

CERTIFICATE OF ANALYSIS

P/N 4400-ICP-MS-ICS

ICP-MS Interference Check Solution
Solution A
in 2% HNO_3 + tr HF

Lot # 4HK191

Material Source: Metals and Salts
Source Purity: 99.99+%

Elements and Concentrations: µg/mL

Al	500.0	C	1000.0	Ca	500.0	Cl	3600.0
Fe	500.0	K	500.0	Mg	500.0	Mo	10.0
Na	500.0	P	500.0	S	500.0	Ti	10.0

This standard solution was prepared using high-purity reference materials, sub-boiled distilled nitric and hydrofluoric acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

Intial: DTN
Date: 1/9/06

METALS STANDARD DOCUMENTATION

Standard:	ICPMS LCS solution	**ME #:**	0601001
Date Received/Prepped:	1/9/2006	**By:**	DTN
Date Expired:	9/25/2006	**Lot #:**	05C243
Manufacturer:	MWH - DTN	**Certificate:**	
Matrix:	5% HNO3	**NIST SRM:**	
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Iron	0.10 mL of ME0503020 / 100 mL	500	ug/L
Aluminum		200	ug/L
Barium	1:1000 dilution of stock solution	100	ug/L
Cobalt		100	ug/L
Chromium	**Note:**	100	ug/L
Copper	Prepare fresh weekly	100	ug/L
Molybdenum		100	ug/L
Strontium		100	ug/L
Titanium		100	ug/L
Vanadium		100	ug/L
Zinc		100	ug/L
Tin		100	ug/L
Silver		50	ug/L
Boron		50	ug/L
Manganese		50	ug/L
Nickel		50	ug/L
Antimony		50	ug/L
Arsenic		20	ug/L
Cadmium		20	ug/L
Lead		20	ug/L
Selenium		20	ug/L
Thallium		20	ug/L
Uraium		20	ug/L
Beryllium		5	ug/L

Intial: WBH
Date: 3/29/05

METALS STANDARD DOCUMENTATION

Standard:	ICP/ICPMS LCS/SPIKE Solution	**ME #:**	0503020
Date Received/Prepped:	3/29/2005	**By:**	wbh
Date Expired:	9/25/2006	**Lot #:**	05C243
Manufacturer:	CPI	**Certificate:**	Y
Matrix:	5% HNO3 + 0.1% HF	**NIST SRM:**	3100 Series
Amount:	10 x 100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Iron	CPI P/N: 4400-050314RH01	500	mg/L
Aluminum		200	mg/L
Barium		100	mg/L
Cobalt		100	mg/L
Chromium		100	mg/L
Copper		100	mg/L
Molybdenum		100	mg/L
Strontium		100	mg/L
Titanium		100	mg/L
Vanadium		100	mg/L
Zinc		100	mg/L
Tin		100	mg/L
Silver		50	mg/L
Boron		50	mg/L
Manganese		50	mg/L
Nickel		50	mg/L
Antimony		50	mg/L
Arsenic		20	mg/L
Cadmium		20	mg/L
Lead		20	mg/L
Selenium		20	mg/L
Thallium		20	mg/L
Uraium		20	mg/L
Beryllium		5	mg/L

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MZ0303 020

Expiry: SEP 2 5 2006

Certificate of Analysis

Part Number: **4400-050314RH01**
Lot Number: **05C243**
Shelf Life: **18 months**

MWH Labs
5% HNO3 + 0.1% HF
#REF!

Concentrations in ug/mL ± 0.5%

Fe	500	B	50
Al	200	Mn	50
Ba	100	Ni	50
Co	100	Sb	50
Cr	100	As	20
Cu	100	Cd	20
Mo	100	Pb	20
Sr	100	Se	20
Ti	100	TL	20
V	100	Sn	100
Zn	100	Be	5
Ag	50	U	20

This standard solution was prepared using high-purity starting materials, high-purity acid (if required) and 18-megaohm de-ionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed at 1000µg/mL by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series, NIST approved second source and/or gravimetrically.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for the stated shelf life from the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA, +31 20 638 05 97 in Europe or visit our web-site at www.cpiinternational.com.

Intial: DTN
Date: 4/19/05

METALS STANDARD DOCUMENTATION

Standard:	1000 mg/L Germanium Standard	**ME #:**	0504001
Date Received/Prepped:	4/19/2005	**By:**	DTN
Date Expired:	11/30/2006	**Lot #:**	SC5010347
Manufacturer:	SCP Science	**Certificate:**	Yes
Matrix:	Water / trace HF	**NIST SRM:**	3120
Amount:	500 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Germanium	Catalog # 140-050-321	1000	mg/L

ME 050400 1

Certificate of Analysis

Ge

Catalogue Number : 140-050-321
Description : ***Plasma*CAL Standard - Germanium 1000 µg/ml**
Starting Material : Ammonium Hexafluorogermanate 99.999%
Lot Number : SC5010347
Expiration Date : November 2006
(Unopened Bottle)

Opened Bottle Expiry Information
15 months after opening, up to unopened expiration date

Date bottle opened

Analysis of Solution by Inductively Coupled Plasma Spectroscopy (ICP-AES) traceable to NIST Standard Reference Material 3120.

Actual Concentration :	**996 µg/ml**
Matrix :	**H_2O / tr. HF**
Density :	**0.998 g/ml @ 24.1 °C**

Trace Metallic Impurities

1. Starting Material

Element	Conc. (ppm)
Si	10-20

2. Final Solution

Element	Conc. (ppm)	Element	Conc. (ppm)	Element	Conc. (ppm)
Ag	< 0.005	Ho	< 0.006	S	*
Al	< 0.013	In	< 0.034	Sb	< 0.029
As	< 0.001	Ir	< 0.016	Sc	< 0.002
Au	< 0.004	K	< 0.093	Se	< 0.027
B	< 0.017	La	< 0.004	Si	**0.320**
Ba	< 0.0005	Li	< 0.003	Sm	< 0.003
Be	< 0.001	Lu	< 0.0006	Sn	< 0.037
Bi	< 0.026	Mg	< 0.0002	Sr	< 0.001
Ca	**0.004**	Mn	< 0.0002	Ta	< 0.013
Cd	< 0.003	Mo	< 0.016	Tb	< 0.006
Ce	< 0.019	Na	< 0.011	Te	< 0.014
Co	< 0.007	Nb	< 0.009	Th	< 0.012
Cr	< 0.004	Nd	< 0.018	Ti	< 0.001
Cs	*	Ni	< 0.006	Tl	< 0.013
Cu	< 0.0003	Os	*	Tm	< 0.007
Dy	< 0.004	P	< 0.034	U	< 0.137
Er	< 0.008	Pb	< 0.041	V	< 0.001
Eu	< 0.002	Pd	< 0.007	W	< 0.015
Fe	< 0.002	Pr	< 0.213	Y	< 0.003
Ga	< 0.011	Pt	< 0.017	Yb	< 0.0008
Gd	< 0.003	Rb	< 0.027	Zn	< 0.0008
Ge	**N/A**	Re	< 0.004	Zr	< 0.007
Hf	< 0.025	Rh	< 0.024		
Hg	*	Ru	< 0.008		

*: Not Tested

Certified by : Alketa Mixha, Chemist

Certification Date : **February 28, 2005**

This ICP-AES & ICP-MS Standard is guaranteed to be stable and accurate to within ± 0.5% of the actual concentration up to the unopened expiry date, if sealed, or 15 months after opening, up to the unopened expiry date, provided the solution is kept tightly capped and stored under normal laboratory conditions. For these solutions, 18 meghom/cm double deionized water, high-purity acids, Class A glassware and acid-cleaned bottles are used. A Material Safety Data Sheet is available upon request. (Ce certificat est également disponible en français)

Manufactured under an ISO 9002 registered Quality System

SCP SCIENCE
21800 Clark Graham, Baie D'Urfé, QC, Canada H9X 4B6
Phone : 800-361-6820 Fax : 800-253-5549

Intial: DTN
Date: 6/30/04

METALS STANDARD DOCUMENTATION

Standard:	ICPMS Internal Std.	**ME #:**	0406036
Date Received/Prepped:	6/30/2004	**By:**	DTN
Date Expired:	12/28/2005	**Lot #:**	4CK069
Manufacturer:	CPI International	**Certificate:**	Y
Matrix:	1% HNO3	**NIST SRM:**	Various
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
Lithium-6	P/N 4400-010034	100	ug/ml
Scandium-45		100	ug/ml
Terbium-159		100	ug/ml
Yttrium-89		100	ug/ml
Indium-115		100	ug/ml
Bismuth-209		100	ug/ml

ME040G036

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Innovative Solutions in Analytical Science and Technology

DEC 28 05

CERTIFICATE OF ANALYSIS

P/N 4400-010034

ICP-MS Internal Standard
in 1% HNO_3

Lot # 4CK069

Material Source: Metals, Salts and Oxides
Source Purity: 99.99+%

Elements and Concentrations: µg/mL ± 0.5%

^{6}Li	100	^{45}Sc	100	^{159}Tb	100
^{89}Y	100	^{115}In	100	^{209}Bi	100

This standard solution was prepared using high-purity reference materials, sub-boiled distilled nitric acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100 series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

ICPMS SUMMARY SHEET

File ID: 060330dr
Date Started: 03/30/06
Analyst ID: jps

SAMPLE ID

TEST LINRTY	(10:14)	C_S Check	(10:32)	C.O.B.	(11:01)
2603090347	(11:24)	2603100260	(11:29)	2603140436	(11:32)
2603140436_D	(11:37)	2603140472	(11:41)	2603150119	(11:44)
2603150120	(11:52)	2603210144	(11:59)	2603210150	(12:21)
2603210153	(12:24)	2603210155	(12:29)	2603210156	(12:33)
2603220347	(12:38)	2603220348	(12:42)	2603220357	(12:47)
2603220360	(12:50)	2603230069	(12:54)	2603230197	(13:21)
2603240118	(13:25)	2603240118_D	(13:30)	2603240135	(13:34)
2603240122	(13:48)	2603240122_D	(13:54)	2603150120_D	(13:57)
2603170065	(15:00)	2603180007	(15:16)	2603210141	(15:52)
2603170004	(16:04)	2603150078	(16:06)	2603150079	(16:08)
2603150343	(16:10)	2603230001	(16:13)	2603210240	(16:15)
2603210241	(16:17)	2603300001	(16:31)	2603300002	(16:39)
2603300003	(16:41)	2603210258	(16:44)	2603210259	(16:47)
2603220209	(16:50)	2603220211	(16:53)	2603220223	(16:55)
2603220224	(16:57)	2603150120_D	(17:13)	2603210144_D	(17:17)
2603210150_D	(17:19)	2603210153_D	(17:20)	2603210155_D	(17:23)
2603210156_D	(17:24)	2603220347_D	(17:27)	2603220348_D	(17:28)
2603230197_D	(17:31)	2603240122_D	(17:33)		

COMMENT:

Analyst: JPS 3/30/2006

Approved By: _____

MWH LABS
REV 1.0
07/18/05

Scan Prep Sheet

Lab Batch No (Filename): ELAN060330drJPS

Batch Date (Prep of Anal): 03/30/06

Lab Test Type: (Method Reference): 200.8

Associated Lab Batch No (Filename):

Calibration:	N/A
Rerun:	N/A
Other:	N/A

If using Prep date as Batch date, you must also include the analytical date

Analytical Date: 03/30/06

File ID: 060330dr RUN - LOG

Sample ID	Date	Time	Dil
TEST ICV	03/30/06	09:53	1
TEST ICB	03/30/06	09:59	1
TEST MRL_CHK1	03/30/06	10:03	1
TEST MRL_Low	03/30/06	10:11	1
TEST LINRTY	03/30/06	10:14	1
MCV	03/30/06	10:23	1
C_S Check	03/30/06	10:32	1
ICPMS ICSA	03/30/06	10:46	1
ICPMS ICSAB	03/30/06	10:50	1
C.O.B.	03/30/06	11:01	1
200.8_LCS	03/30/06	11:07	1
200.8_LCSD	03/30/06	11:12	1
2603090347	03/30/06	11:24	1
2603100260	03/30/06	11:29	1
2603140436	03/30/06	11:32	1
2603140436_Dil(5)	03/30/06	11:37	5
2603140472	03/30/06	11:41	1
2603150119	03/30/06	11:44	1
2603150119MS	03/30/06	11:47	1
2603150120	03/30/06	11:52	1
2603210144	03/30/06	11:59	1
TEST CCV_1	03/30/06	12:05	1
TEST CCB_1	03/30/06	12:15	1
200.8_MRLCHK	03/30/06	12:18	1
2603210150	03/30/06	12:21	1
2603210153	03/30/06	12:24	1
2603210155	03/30/06	12:29	1
2603210156	03/30/06	12:33	1
2603220347	03/30/06	12:38	1
2603220348	03/30/06	12:42	1
2603220357	03/30/06	12:47	1
2603220360	03/30/06	12:50	1
2603230069	03/30/06	12:54	1
TEST CCV_2	03/30/06	13:02	1
TEST CCB_2	03/30/06	13:15	1
2603230197	03/30/06	13:21	1
2603240118	03/30/06	13:25	1
2603240118_Dil(10)	03/30/06	13:30	10
2603240135	03/30/06	13:34	1
2603240135MS	03/30/06	13:38	1
2603240135MSD	03/30/06	13:43	1
2603240122	03/30/06	13:48	1
2603240122_Dil(10)	03/30/06	13:54	10
2603150120_Dil(10)	03/30/06	13:57	10
TEST CCV_3	03/30/06	14:02	1
TEST CCB_3	03/30/06	14:46	1
200.8_MBLANK	03/30/06	14:50	1
200.8_LCS	03/30/06	14:52	1
200.8_LCSD	03/30/06	14:54	1

File ID: 060330dr RUN - LOG

Sample ID	Date	Time	Dil
2603170065	03/30/06	15:00	1
2603170065MS	03/30/06	15:03	1
2603170065MSD	03/30/06	15:04	1
2603180007	03/30/06	15:16	1
200.8_MRLCHK	03/30/06	15:21	1
TEST CCV 4	03/30/06	15:24	1
TEST CCB 4	03/30/06	15:32	1
MBLANK	03/30/06	15:32	1
LCS	03/30/06	15:38	1
LCSD	03/30/06	15:39	1
2603210141	03/30/06	15:52	1
2603210141MS	03/30/06	15:57	1
2603210141MSD	03/30/06	15:58	1
2603170004	03/30/06	16:04	1
2603150078	03/30/06	16:06	1
2603150079	03/30/06	16:08	1
2603150343	03/30/06	16:10	1
2603230001	03/30/06	16:13	1
2603210240	03/30/06	16:15	1
2603210241	03/30/06	16:17	1
TEST MRL Low	03/30/06	16:20	1
TEST CCV	03/30/06	16:23	1
TEST CCB	03/30/06	16:27	1
2603300001	03/30/06	16:31	1
2603300001MS	03/30/06	16:34	1
2603300002	03/30/06	16:39	1
2603300003	03/30/06	16:41	1
2603210258	03/30/06	16:44	1
2603210259	03/30/06	16:47	1
2603220209	03/30/06	16:50	1
2603220211	03/30/06	16:53	1
2603220223	03/30/06	16:55	1
2603220224	03/30/06	16:57	1
TEST CCV	03/30/06	17:00	1
TEST CCB	03/30/06	17:04	1
2603150120_Dil(100)	03/30/06	17:13	100
2603210144_Dil(10)	03/30/06	17:17	10
2603210150_Dil(10)	03/30/06	17:19	10
2603210153_Dil(100)	03/30/06	17:20	100
2603210155_Dil(10)	03/30/06	17:23	10
2603210156_Dil(10)	03/30/06	17:24	10
2603220347_Dil(10)	03/30/06	17:27	10
2603220348_Dil(10)	03/30/06	17:28	10
2603230197_Dil(10)	03/30/06	17:31	10
2603240122_Dil(100)	03/30/06	17:33	100
TEST CCV	03/30/06	17:36	1
TEST CCB	03/30/06	17:38	1

BATCH NUMBER for 060330dr

Test Parameter:

LI BE AL C S V CR MN CO NI CU ZN GE AS SE MO AG CD IN SB BA

Batch ID: 2603170065

2603170065
2603180007

Batch ID: 2603210141

2603210141
2603150079
2603210240
2603300002
2603210259
2603220223
2603210144_Dil(10)
2603210155_Dil(10)
2603220348_Dil(10)
2603170004
2603150343
2603210241
2603300003
2603220209
2603220224
2603210150_Dil(10)
2603210156_Dil(10)
2603230197_Dil(10)
2603150078
2603230001
2603300001
2603210258
2603220211
2603150120_Dil(100)
2603210153_Dil(100)
2603220347_Dil(10)
2603240122_Dil(100)

STANDARD DOCUMENTATION

Acid

Nitric acid:	R# 100360
Hydrochloric acid:	R# 100369

Standard Calibration

Standard 1 / MRL:	1:10000 of ME0507006	(1.00mL of ME0512004 / 100mL)
Standard 2 / CCV:	1:1000 of ME0510003	(ME0512005)
Standard 3:	1:400 of ME0510003	(ME0512006)
Linearity:	1:100 of ME0510003	(0.25mL of ME0510003 / 50 mL)
MCV (2nd source):	1:1000 of ME0511002	(ME0601002)
Uranium Calibration:	ME0511003	
Iodide Calibration:	R201240	
Iodide 2nd Source:	R201250	

ICSA/AB

ICSA:	1:5 of ME0503013
ICSAB:	1:5 of ME0503014

LCS/MS/MSD

LCS/MS Spiking solution:	1:1000 of ME05030020	(ME0601001)

Internal Standard:	ME0406036
Germanium Standard:	ME0504001

Date Updated: 01/09/06

File ID: 060330dr

BE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	98.992	99		
TEST ICB	03/30/06	09:59	1	.02937	0.029		
TEST MRL_CHK1	03/30/06	10:03	1	.89417	0.894		
TEST MRL_Low	03/30/06	10:11	1	.22108	0.221		
TEST LINRTY	03/30/06	10:14	1	500.14	500		
MCV	03/30/06	10:23	1	38.115	38.1	90-110	95.2%
C_S Check	03/30/06	10:32	1	.00834	0.008		
ICPMS ICSA	03/30/06	10:46	1	.08654	0.0865	[0.087]	1.73 Q
ICPMS ICSAB	03/30/06	10:50	1	.17383	0.174	[0.174]	3.47 Q
C.O.B.	03/30/06	11:01	1	.00194	0.002		
200.8_LCS	03/30/06	11:07	1	4.8640	4.86	85-115	97.2%
200.8_LCSD	03/30/06	11:12	1	5.0905	5.09	85-115	101%
2603090347	03/30/06	11:24	1	.0042	0.004		
2603100260	03/30/06	11:29	1	.00083	0.001		
2603140436	03/30/06	11:32	1	.10037	0.100		
2603140436_Dil(5)	03/30/06	11:37	5	.12407	0.12		
2603140472	03/30/06	11:41	1	.01421	0.014		
2603150119	03/30/06	11:44	1	-.00300	ND		
2603150119MS	03/30/06	11:47	1	4.4508	4.45	[4.451]	89.0%
2603150120	03/30/06	11:52	1	.42484	0.42		
2603210144	03/30/06	11:59	1	.10882	0.11		
TEST CCV_1	03/30/06	12:05	1	19.339	19.3		
TEST CCB_1	03/30/06	12:15	1	.00581	0.006		
200.8_MRLCHK	03/30/06	12:18	1	.98638	0.986		
2603210150	03/30/06	12:21	1	.03422	0.034		
2603210153	03/30/06	12:24	1	.99207	0.99		
2603210155	03/30/06	12:29	1	.21541	0.22		
2603210156	03/30/06	12:33	1	.11976	0.12		
2603220347	03/30/06	12:38	1	.12165	0.12		
2603220348	03/30/06	12:42	1	.02860	0.029		
2603220357	03/30/06	12:47	1	.01544	0.015		
2603220360	03/30/06	12:50	1	.01910	0.019		
2603230069	03/30/06	12:54	1	.00851	0.009		
TEST CCV_2	03/30/06	13:02	1	47.945	47.9		
TEST CCB_2	03/30/06	13:15	1	.00966	0.010		
2603230197	03/30/06	13:21	1	.06131	0.061		
2603240118	03/30/06	13:25	1	.01482	0.015		
2603240118_Dil(10)	03/30/06	13:30	10	.05238	0.052		
2603240135	03/30/06	13:34	1	.01537	0.015		
2603240135MS	03/30/06	13:38	1	4.2592	4.26	[4.244]	84.8%
2603240135MSD	03/30/06	13:43	1	4.2313	4.23	[4.216]	84.3%
2603240135T	03/30/06	13:43	1		5.00	70 - 130	
2603240122	03/30/06	13:48	1	1.5494	1.5		
2603240122_Dil(10)	03/30/06	13:54	10	2.1260	2.1		
2603150120_Dil(10)	03/30/06	13:57	10	.78114	0.78		

File ID: 060330dr

BE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	105.94	106		
TEST CCB_3	03/30/06	14:46	1	.00593	0.006		
200.8_MBLANK	03/30/06	14:50	1	.00887	0.009		
200.8_LCS	03/30/06	14:52	1	4.9813	4.98	85-115	99.6%
200.8_LCSD	03/30/06	14:54	1	5.1667	5.17	85-115	103%
2603170065	03/30/06	15:00	1	-.00070	ND		
2603170065MS	03/30/06	15:03	1	4.6275	4.63	[4.628]	92.5%
2603170065MSD	03/30/06	15:04	1	5.1783	5.18	[5.178]	103%
2603170065T	03/30/06	15:04	1		5.00	70 - 130	
2603180007	03/30/06	15:16	1	.04459	0.045		
200.8_MRLCHK	03/30/06	15:21	1	1.0761	1.08		
TEST CCV_4	03/30/06	15:24	1	20.469	20.5		
TEST CCB_4	03/30/06	15:32	1	-.00510	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

File ID: 060330dr

AL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	101.17	101		
TEST ICB	03/30/06	09:59	1	.02872	0.029		
TEST MRL_CHK1	03/30/06	10:03	1	24.917	24.9		
TEST MRL_Low	03/30/06	10:11	1	5.0332	5.03		
TEST LINRTY	03/30/06	10:14	1	489.10	490		
MCV	03/30/06	10:23	1	101.38	101	90-110	101%
C_S Check	03/30/06	10:32	1	1.9653	2.0		
ICPMS ICSA	03/30/06	10:46	1	87255.	8725	[%87255.828]	4362 Q
ICPMS ICSAB	03/30/06	10:50	1	88323.	8832	[%88323.383]	4416 Q
C.O.B.	03/30/06	11:01	1	.64162	0.64		
200.8_LCS	03/30/06	11:07	1	186.89	187	85-115	93.4%
200.8_LCSD	03/30/06	11:12	1	187.07	187	85-115	93.5%
2603090347	03/30/06	11:24	1	11.001	11		
2603100260	03/30/06	11:29	1	40.952	41		
2603140436	03/30/06	11:32	1	1762.3	1800		
2603140436_Dil(5)	03/30/06	11:37	5	2026.7	2000		
2603140472	03/30/06	11:41	1	9.0045	9.0		
2603150119	03/30/06	11:44	1	23.957	24		
2603150119MS	03/30/06	11:47	1	186.38	186	[162.430]	81.2%
2603150120	03/30/06	11:52	1	10294.	1029		
2603210144	03/30/06	11:59	1	1630.6	1600		
TEST CCV_1	03/30/06	12:05	1	19.293	19.3		
TEST CCB_1	03/30/06	12:15	1	.09332	0.093		
200.8_MRLCHK	03/30/06	12:18	1	24.149	24.1		
2603210150	03/30/06	12:21	1	578.94	580		
2603210153	03/30/06	12:24	1	10434.	1043		
2603210155	03/30/06	12:29	1	2880.5	2900		
2603210156	03/30/06	12:33	1	1488.0	1500		
2603220347	03/30/06	12:38	1	1550.5	1600		
2603220348	03/30/06	12:42	1	615.76	620		
2603220357	03/30/06	12:47	1	184.84	180		
2603220360	03/30/06	12:50	1	116.31	120		
2603230069	03/30/06	12:54	1	38.023	38		
TEST CCV_2	03/30/06	13:02	1	53.371	53.4		
TEST CCB_2	03/30/06	13:15	1	.02932	0.029		
2603230197	03/30/06	13:21	1	1205.5	1200		
2603240118	03/30/06	13:25	1	78.090	78		
2603240118_Dil(10)	03/30/06	13:30	10	86.309	86		
2603240135	03/30/06	13:34	1	250.80	250		
2603240135MS (0119)	03/30/06	13:38	1	450.23	450	[199.429]	99.7%
2603240135MSD(0120)	03/30/06	13:43	1	449.07	449	[198.277]	99.1%
2603240135T	03/30/06	13:43	1		200.00	70 - 130	
2603240122	03/30/06	13:48	1	21841.	2184		
2603240122_Dil(10)	03/30/06	13:54	10	30514.	3051		
2603150120_Dil(10)	03/30/06	13:57	10	13917.	1391		

File ID: 060330dr

AL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	104.79	105		
TEST CCB_3	03/30/06	14:46	1	.02746	0.027		
200.8_MBLANK	03/30/06	14:50	1	3.1325	3.1		
200.8_LCS	03/30/06	14:52	1	197.32	197	85-115	98.6%
200.8_LCSD	03/30/06	14:54	1	205.07	205	85-115	102%
2603170065	03/30/06	15:00	1	10.075	10		
2603170065MS	03/30/06	15:03	1	198.96	199	[188.885]	94.4%
2603170065MSD	03/30/06	15:04	1	204.59	205	[194.524]	97.2%
2603170065T	03/30/06	15:04	1		200.00	70 - 130	
2603180007	03/30/06	15:16	1	50.599	51		
200.8_MRLCHK	03/30/06	15:21	1	30.862	30.9		
TEST CCV_4	03/30/06	15:24	1	19.565	19.6		
TEST CCB_4	03/30/06	15:32	1	-.09056	ND		
MBLANK	03/30/06	15:32	1	-.09056	ND		
LCS	03/30/06	15:38	1	197.88	198	85-115	98.9%
LCSD	03/30/06	15:39	1	198.81	199	85-115	99.4%
2603210141	03/30/06	15:52	1	.42813	0.43		
2603210141MS	03/30/06	15:57	1	195.26	195	[194.834]	97.4%
2603210141MSD	03/30/06	15:58	1	200.50	201	[200.079]	100%
2603210141T	03/30/06	15:58	1		200.00	70 - 130	
2603170004	03/30/06	16:04	1	1.2263	1.2		
2603150078	03/30/06	16:06	1	50.688	51		
2603150079	03/30/06	16:08	1	14.371	14		
2603150343	03/30/06	16:10	1	-.25874	ND		
2603230001	03/30/06	16:13	1	-.22758	ND		
2603210240	03/30/06	16:15	1	1.7009	1.7		
2603210241	03/30/06	16:17	1	42.891	43		
TEST MRL_Low	03/30/06	16:20	1	4.8212	4.82		
TEST CCV	03/30/06	16:23	1	49.001	49		
TEST CCB	03/30/06	16:27	1	.46988	0.47		
2603300001	03/30/06	16:31	1	-.51754	ND		
2603300001MS	03/30/06	16:34	1	197.31	197	[197.316]	98.6%
2603300002	03/30/06	16:39	1	-.32464	ND		
2603300003	03/30/06	16:41	1	-.62175	ND		
2603210258	03/30/06	16:44	1	120.19	120		
2603210259	03/30/06	16:47	1	2.0769	2.1		
2603220209	03/30/06	16:50	1	2.4224	2.4		
2603220211	03/30/06	16:53	1	.72799	0.73		
2603220223	03/30/06	16:55	1	7.3547	7.4		
2603220224	03/30/06	16:57	1	11.982	12		
TEST CCV	03/30/06	17:00	1	19.863	19.9		
TEST CCB	03/30/06	17:04	1	-.05897	ND		
2603150120_Dil(100)	03/30/06	17:13	100				
				12820.	1282		
2603210144_Dil(10)	03/30/06	17:17	10	1793.1	1800		
2603210150_Dil(10)	03/30/06	17:19	10	627.93	630		
2603210153_Dil(100)	03/30/06	17:20	100				
				14704.	1470		
2603210155_Dil(10)	03/30/06	17:23	10	2846.0	2800		
2603210156_Dil(10)	03/30/06	17:24	10	1527.5	1500		

File ID: 060330dr

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Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2603220347_Dil(10)	03/30/06	17:27	10	1623.6	1600		
2603220348_Dil(10)	03/30/06	17:28	10	637.60	640		
2603230197_Dil(10)	03/30/06	17:31	10	1137.2	1100		
2603240122_Dil(100)	03/30/06	17:33	100	30902.	3090		
TEST CCV	03/30/06	17:36	1	47.661	47.7		
TEST CCB	03/30/06	17:38	1	1.6226	1.6		

File ID: 060330dr V

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	99.534	99.5		
TEST ICB	03/30/06	09:59	1	.01853	0.019		
TEST MRL_CHK1	03/30/06	10:03	1	3.1480	3.15		
TEST MRL_Low	03/30/06	10:11	1	.62334	0.623		
TEST LINRTY	03/30/06	10:14	1	518.73	520		
MCV	03/30/06	10:23	1	98.887	98.9	90-110	98.8%
C_S Check	03/30/06	10:32	1	.07303	0.073		
ICPMS ICSA	03/30/06	10:46	1	-2.2731	ND	[-2.273]	-2.27 Q
ICPMS ICSAB	03/30/06	10:50	1	41.981	42	[41.982]	41.9 Q
C.O.B.	03/30/06	11:01	1	-.00683	ND		
200.8_LCS	03/30/06	11:07	1	104.92	105	85-115	104%
200.8_LCSD	03/30/06	11:12	1	104.25	104	85-115	104%
2603090347	03/30/06	11:24	1	2.1316	2.1		
2603100260	03/30/06	11:29	1	-.11843	ND		
2603140436	03/30/06	11:32	1	35.486	35		
2603140436_Dil(5)	03/30/06	11:37	5	36.634	37		
2603140472	03/30/06	11:41	1	-.26470	ND		
2603150119	03/30/06	11:44	1	-.40728	ND		
2603150119MS	03/30/06	11:47	1	97.283	97.3	[97.284]	97.2%
2603150120	03/30/06	11:52	1	69.817	70		
2603210144	03/30/06	11:59	1	32.537	33		
TEST CCV_1	03/30/06	12:05	1	20.027	20		
TEST CCB_1	03/30/06	12:15	1	.00101	0.001		
200.8_MRLCHK	03/30/06	12:18	1	2.9400	2.94		
2603210150	03/30/06	12:21	1	28.146	28		
2603210153	03/30/06	12:24	1	38.118	38		
2603210155	03/30/06	12:29	1	33.474	33		
2603210156	03/30/06	12:33	1	29.925	30		
2603220347	03/30/06	12:38	1	26.478	26		
2603220348	03/30/06	12:42	1	28.338	28		
2603220357	03/30/06	12:47	1	25.348	25		
2603220360	03/30/06	12:50	1	27.469	27		
2603230069	03/30/06	12:54	1	12.137	12		
TEST CCV_2	03/30/06	13:02	1	50.260	50.3		
TEST CCB_2	03/30/06	13:15	1	-.01602	ND		
2603230197	03/30/06	13:21	1	21.000	21		
2603240118	03/30/06	13:25	1	-5.8893	ND		
2603240118_Dil(10)	03/30/06	13:30	10	-7.0693	ND		
2603240135	03/30/06	13:34	1	14.280	14		
2603240135MS	03/30/06	13:38	1	107.18	107	[92.903]	92.9%
2603240135MSD	03/30/06	13:43	1	108.46	108	[94.180]	94.1%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	55.100	55		
2603240122_Dil(10)	03/30/06	13:54	10	62.402	62		
2603150120_Dil(10)	03/30/06	13:57	10	73.396	73		

File ID: 060330dr V

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	106.12	106		
TEST CCB_3	03/30/06	14:46	1	.01063	0.011		
200.8_MBLANK	03/30/06	14:50	1	-.41290	ND		
200.8_LCS	03/30/06	14:52	1	98.858	98.9	85-115	98.8%
200.8_LCSD	03/30/06	14:54	1	101.80	102	85-115	101%
2603170065	03/30/06	15:00	1	-.20581	ND		
2603170065MS	03/30/06	15:03	1	96.896	96.9	[96.896]	96.8%
2603170065MSD	03/30/06	15:04	1	96.200	96.2	[96.200]	96.2%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	1.7203	1.7		
200.8_MRLCHK	03/30/06	15:21	1	2.6442	2.64		
TEST CCV_4	03/30/06	15:24	1	19.332	19.3		
TEST CCB_4	03/30/06	15:32	1	-.01329	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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CR

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	102.55	103		
TEST ICB	03/30/06	09:59	1	.01094	0.011		
TEST MRL_CHK1	03/30/06	10:03	1	1.0260	1.03		
TEST MRL_Low	03/30/06	10:11	1	.18381	0.184		
TEST LINRTY	03/30/06	10:14	1	500.53	500		
MCV	03/30/06	10:23	1	96.991	97	90-110	96.9%
C_S Check	03/30/06	10:32	1	-.03623	ND		
ICPMS ICSA	03/30/06	10:46	1	1.0841	1.08	[1.084]	1.08 Q
ICPMS ICSAB	03/30/06	10:50	1	20.494	20.5	[20.495]	20.4 Q
C.O.B.	03/30/06	11:01	1	-.02219	ND		
200.8_LCS	03/30/06	11:07	1	94.010	94	85-115	94.0%
200.8_LCSD	03/30/06	11:12	1	93.487	93.5	85-115	93.4%
2603090347	03/30/06	11:24	1	.41549	0.42		
2603100260	03/30/06	11:29	1	.53300	0.53		
2603140436	03/30/06	11:32	1	51.420	51		
2603140436_Dil(5)	03/30/06	11:37	5	51.236	51		
2603140472	03/30/06	11:41	1	.52459	0.52		
2603150119	03/30/06	11:44	1	.63212	0.63		
2603150119MS	03/30/06	11:47	1	89.776	89.8	[89.144]	89.1%
2603150120	03/30/06	11:52	1	44.485	44		
2603210144	03/30/06	11:59	1	16.318	16		
TEST CCV_1	03/30/06	12:05	1	18.515	18.5		
TEST CCB_1	03/30/06	12:15	1	-.01196	ND		
200.8_MRLCHK	03/30/06	12:18	1	1.2906	1.29		
2603210150	03/30/06	12:21	1	10.660	11		
2603210153	03/30/06	12:24	1	28.905	29		
2603210155	03/30/06	12:29	1	17.272	17		
2603210156	03/30/06	12:33	1	14.525	15		
2603220347	03/30/06	12:38	1	15.980	16		
2603220348	03/30/06	12:42	1	30.876	31		
2603220357	03/30/06	12:47	1	11.022	11		
2603220360	03/30/06	12:50	1	40.640	41		
2603230069	03/30/06	12:54	1	2.4967	2.5		
TEST CCV_2	03/30/06	13:02	1	46.984	47		
TEST CCB_2	03/30/06	13:15	1	-.00726	ND		
2603230197	03/30/06	13:21	1	9.1142	9.1		
2603240118	03/30/06	13:25	1	2.1971	2.2		
2603240118_Dil(10)	03/30/06	13:30	10	.88905	0.89		
2603240135	03/30/06	13:34	1	23.277	23		
2603240135MS (0119)	03/30/06	13:38	1	105.54	106	[82.271]	82.2%
2603240135MSD(0120)	03/30/06	13:43	1	106.26	106	[82.990]	82.9%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	54.296	54		
2603240122_Dil(10)	03/30/06	13:54	10	59.422	59		
2603150120_Dil(10)	03/30/06	13:57	10	45.041	45		

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CR

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	99.839	99.8		
TEST CCB_3	03/30/06	14:46	1	-.02326	ND		
200.8_MBLANK	03/30/06	14:50	1	.31141	0.31		
200.8_LCS	03/30/06	14:52	1	93.301	93.3	85-115	93.3%
200.8_LCSD	03/30/06	14:54	1	95.941	95.9	85-115	95.9%
2603170065	03/30/06	15:00	1	.84606	0.85		
2603170065MS	03/30/06	15:03	1	87.930	87.9	[87.084]	87.0%
2603170065MSD	03/30/06	15:04	1	88.649	88.6	[87.803]	87.8%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	1.5531	1.6		
200.8_MRLCHK	03/30/06	15:21	1	1.3470	1.35		
TEST CCV_4	03/30/06	15:24	1	18.017	18		
TEST CCB_4	03/30/06	15:32	1	-.02237	ND		
MBLANK	03/30/06	15:32	1	-.02237	ND		
LCS	03/30/06	15:38	1	94.848	94.8	85-115	94.8%
LCSD	03/30/06	15:39	1	97.572	97.6	85-115	97.5%
2603210141	03/30/06	15:52	1	.03614	0.036		
2603210141MS	03/30/06	15:57	1	96.071	96.1	[96.036]	96.0%
2603210141MSD	03/30/06	15:58	1	96.522	96.5	[96.486]	96.4%
2603210141T	03/30/06	15:58	1		100.00	70 - 130	
2603170004	03/30/06	16:04	1	-.03745	ND		
2603150078	03/30/06	16:06	1	.11214	0.11		
2603150079	03/30/06	16:08	1	.03126	0.031		
2603150343	03/30/06	16:10	1	-.18360	ND		
2603230001	03/30/06	16:13	1	2.8649	2.9		
2603210240	03/30/06	16:15	1	2.6453	2.6		
2603210241	03/30/06	16:17	1	.62493	0.62		
TEST MRL_Low	03/30/06	16:20	1	.15473	0.155		
TEST CCV	03/30/06	16:23	1	49.898	49.9		
TEST CCB	03/30/06	16:27	1	-.00688	ND		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	103.51	104		
TEST ICB	03/30/06	09:59	1	.01697	0.017		
TEST MRL_CHK1	03/30/06	10:03	1	2.1684	2.17		
TEST MRL_Low	03/30/06	10:11	1	.42466	0.425		
TEST LINRTY	03/30/06	10:14	1	509.97	510		
MCV	03/30/06	10:23	1	102.25	102	90-110	102%
C_S Check	03/30/06	10:32	1	.02209	0.022		
ICPMS ICSA	03/30/06	10:46	1	10.766	10.8	[10.766]	21.5 Q
ICPMS ICSAB	03/30/06	10:50	1	30.600	30.6	[30.600]	61.2 Q
C.O.B.	03/30/06	11:01	1	.00239	0.002		
200.8_LCS	03/30/06	11:07	1	48.318	48.3	85-115	96.6%
200.8_LCSD	03/30/06	11:12	1	48.878	48.9	85-115	97.7%
2603090347	03/30/06	11:24	1	3.7278	3.7		
2603100260	03/30/06	11:29	1	6.6130	6.6		
2603140436	03/30/06	11:32	1	61.433	61		
2603140436_Dil(5)	03/30/06	11:37	5	62.373	62		
2603140472	03/30/06	11:41	1	4.0678	4.1		
2603150119	03/30/06	11:44	1	8.3921	8.4		
2603150119MS	03/30/06	11:47	1	55.144	55.1	[46.752]	93.5%
2603150120	03/30/06	11:52	1	515.90	520		
2603210144	03/30/06	11:59	1	56.166	56		
TEST CCV_1	03/30/06	12:05	1	18.665	18.7		
TEST CCB_1	03/30/06	12:15	1	.01930	0.019		
200.8_MRLCHK	03/30/06	12:18	1	2.0319	2.03		
2603210150	03/30/06	12:21	1	144.83	140		
2603210153	03/30/06	12:24	1	468.91	470		
2603210155	03/30/06	12:29	1	53.429	53		
2603210156	03/30/06	12:33	1	26.359	26		
2603220347	03/30/06	12:38	1	56.054	56		
2603220348	03/30/06	12:42	1	24.856	25		
2603220357	03/30/06	12:47	1	10.430	10		
2603220360	03/30/06	12:50	1	4.6167	4.6		
2603230069	03/30/06	12:54	1	82.101	82		
TEST CCV_2	03/30/06	13:02	1	49.565	49.6		
TEST CCB_2	03/30/06	13:15	1	.02235	0.022		
2603230197	03/30/06	13:21	1	54.940	55		
2603240118	03/30/06	13:25	1	3245.5	3200		
2603240118_Dil(10)	03/30/06	13:30	10	3976.0	4000		
2603240135	03/30/06	13:34	1	83.683	84		
2603240135MS (0119)	03/30/06	13:38	1	128.44	128	[44.758]	89.5%
2603240135MSD(0120)	03/30/06	13:43	1	126.07	126	[42.390]	84.7%
2603240135T	03/30/06	13:43	1		50.00	70 - 130	
2603240122	03/30/06	13:48	1	479.21	480		
2603240122_Dil(10)	03/30/06	13:54	10	528.54	530		
2603150120_Dil(10)	03/30/06	13:57	10	527.71	530		

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MN

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	101.51	102		
TEST CCB_3	03/30/06	14:46	1	.02084	0.021		
200.8_MBLANK	03/30/06	14:50	1	.06973	0.070		
200.8_LCS	03/30/06	14:52	1	47.804	47.8	85-115	95.6%
200.8_LCSD	03/30/06	14:54	1	49.068	49.1	85-115	98.1%
2603170065	03/30/06	15:00	1	63.804	64		
2603170065MS	03/30/06	15:03	1	107.18	107	[43.384]	86.7%
2603170065MSD	03/30/06	15:04	1	110.33	110	[46.532]	93.0%
2603170065T	03/30/06	15:04	1		50.00	70 - 130	
2603180007	03/30/06	15:16	1	240.88	240		
200.8_MRLCHK	03/30/06	15:21	1	2.1675	2.17		
TEST CCV_4	03/30/06	15:24	1	18.475	18.5		
TEST CCB_4	03/30/06	15:32	1	-.05984	ND		
MBLANK	03/30/06	15:32	1	-.05984	ND		
LCS	03/30/06	15:38	1	50.497	50.5	85-115	100%
LCSD	03/30/06	15:39	1	51.024	51	85-115	102%
2603210141	03/30/06	15:52	1	.02563	0.026		
2603210141MS	03/30/06	15:57	1	50.402	50.4	[50.377]	100%
2603210141MSD	03/30/06	15:58	1	50.999	51	[50.974]	101%
2603210141T	03/30/06	15:58	1		50.00	70 - 130	
2603170004	03/30/06	16:04	1	38.079	38		
2603150078	03/30/06	16:06	1	2.1536	2.2		
2603150079	03/30/06	16:08	1	.11143	0.11		
2603150343	03/30/06	16:10	1	.00922	0.009		
2603230001	03/30/06	16:13	1	-.00193	ND		
2603210240	03/30/06	16:15	1	.00337	0.003		
2603210241	03/30/06	16:17	1	.35397	0.35		
TEST MRL_Low	03/30/06	16:20	1	.38099	0.381		
TEST CCV	03/30/06	16:23	1	50.436	50.4		
TEST CCB	03/30/06	16:27	1	.08347	0.083		
2603300001	03/30/06	16:31	1	.27734	0.28		
2603300001MS	03/30/06	16:34	1	48.794	48.8	[48.517]	97.0%
2603300002	03/30/06	16:39	1	.01115	0.011		
2603300003	03/30/06	16:41	1	-.02697	ND		
2603210258	03/30/06	16:44	1	2.8203	2.8		
2603210259	03/30/06	16:47	1	.07022	0.070		
2603220209	03/30/06	16:50	1	.88491	0.88		
2603220211	03/30/06	16:53	1	.07501	0.075		
2603220223	03/30/06	16:55	1	1.1547	1.2		
2603220224	03/30/06	16:57	1	3.4697	3.5		
TEST CCV	03/30/06	17:00	1	20.435	20.4		
TEST CCB	03/30/06	17:04	1	-.01122	ND		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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CO

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	103.26	103		
TEST ICB	03/30/06	09:59	1	.01865	0.019		
TEST MRL_CHK1	03/30/06	10:03	1	2.1794	2.18		
TEST MRL_Low	03/30/06	10:11	1	.44318	0.443		
TEST LINRTY	03/30/06	10:14	1	512.56	510		
MCV	03/30/06	10:23	1	100.47	100	90-110	100%
C_S Check	03/30/06	10:32	1	.02313	0.023		
ICPMS ICSA	03/30/06	10:46	1	2.0442	2.04	[2.044]	2.04 Q
ICPMS ICSAB	03/30/06	10:50	1	44.400	44.4	[44.401]	44.4 Q
C.O.B.	03/30/06	11:01	1	.00178	0.002		
200.8_LCS	03/30/06	11:07	1	101.17	101	85-115	101%
200.8_LCSD	03/30/06	11:12	1	101.96	102	85-115	101%
2603090347	03/30/06	11:24	1	.22191	0.22		
2603100260	03/30/06	11:29	1	.06278	0.063		
2603140436	03/30/06	11:32	1	1.3908	1.4		
2603140436_Dil(5)	03/30/06	11:37	5	1.3676	1.4		
2603140472	03/30/06	11:41	1	.02716	0.027		
2603150119	03/30/06	11:44	1	.04370	0.044		
2603150119MS	03/30/06	11:47	1	98.501	98.5	[98.458]	98.4%
2603150120	03/30/06	11:52	1	7.0244	7.0		
2603210144	03/30/06	11:59	1	1.0122	1.0		
TEST CCV_1	03/30/06	12:05	1	20.451	20.5		
TEST CCB_1	03/30/06	12:15	1	.00336	0.003		
200.8_MRLCHK	03/30/06	12:18	1	2.1737	2.17		
2603210150	03/30/06	12:21	1	.82093	0.82		
2603210153	03/30/06	12:24	1	4.6477	4.6		
2603210155	03/30/06	12:29	1	1.3835	1.4		
2603210156	03/30/06	12:33	1	.73299	0.73		
2603220347	03/30/06	12:38	1	.79802	0.80		
2603220348	03/30/06	12:42	1	.48128	0.48		
2603220357	03/30/06	12:47	1	.17955	0.18		
2603220360	03/30/06	12:50	1	.23840	0.24		
2603230069	03/30/06	12:54	1	.80993	0.81		
TEST CCV_2	03/30/06	13:02	1	51.385	51.4		
TEST CCB_2	03/30/06	13:15	1	.00074	0.001		
2603230197	03/30/06	13:21	1	.62646	0.63		
2603240118	03/30/06	13:25	1	.47025	0.47		
2603240118_Dil(10)	03/30/06	13:30	10	.53810	0.54		
2603240135	03/30/06	13:34	1	.86471	0.86		
2603240135MS	03/30/06	13:38	1	85.440	85.4	[84.576]	84.5%
2603240135MSD	03/30/06	13:43	1	85.313	85.3	[84.449]	84.4%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	9.3848	9.4		
2603240122_Dil(10)	03/30/06	13:54	10	10.700	11		
2603150120_Dil(10)	03/30/06	13:57	10	6.5505	6.6		

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CO

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	99.136	99.1		
TEST CCB_3	03/30/06	14:46	1	.00070	0.001		
200.8_MBLANK	03/30/06	14:50	1	.00421	0.004		
200.8_LCS	03/30/06	14:52	1	94.874	94.9	85-115	94.8%
200.8_LCSD	03/30/06	14:54	1	97.731	97.7	85-115	97.7%
2603170065	03/30/06	15:00	1	.32612	0.33		
2603170065MS	03/30/06	15:03	1	95.574	95.6	[95.248]	95.2%
2603170065MSD	03/30/06	15:04	1	97.782	97.8	[97.456]	97.4%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	.42550	0.43		
200.8_MRLCHK	03/30/06	15:21	1	2.1266	2.13		
TEST CCV_4	03/30/06	15:24	1	19.972	20		
TEST CCB_4	03/30/06	15:32	1	-.01041	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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NI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	101.47	101		
TEST ICB	03/30/06	09:59	1	.02027	0.020		
TEST MRL_CHK1	03/30/06	10:03	1	4.8697	4.87		
TEST MRL_Low	03/30/06	10:11	1	.90631	0.906		
TEST LINRTY	03/30/06	10:14	1	491.15	490		
MCV	03/30/06	10:23	1	96.682	96.7	90-110	96.6%
C_S Check	03/30/06	10:32	1	.01535	0.015		
ICPMS ICSA	03/30/06	10:46	1	4.0267	4.03	[4.027]	8.05 Q
ICPMS ICSAB	03/30/06	10:50	1	42.193	42.2	[42.193]	84.3%
C.O.B.	03/30/06	11:01	1	.02569	0.026		
200.8_LCS	03/30/06	11:07	1	47.384	47.4	85-115	94.7%
200.8_LCSD	03/30/06	11:12	1	47.757	47.8	85-115	95.5%
2603090347	03/30/06	11:24	1	3.0965	3.1		
2603100260	03/30/06	11:29	1	.20625	0.21		
2603140436	03/30/06	11:32	1	6.1259	6.1		
2603140436_Dil(5)	03/30/06	11:37	5	5.7227	5.7		
2603140472	03/30/06	11:41	1	.08132	0.081		
2603150119	03/30/06	11:44	1	.11899	0.12		
2603150119MS	03/30/06	11:47	1	44.929	44.9	[44.811]	89.6%
2603150120	03/30/06	11:52	1	34.971	35		
2603210144	03/30/06	11:59	1	3.8379	3.8		
TEST CCV_1	03/30/06	12:05	1	19.382	19.4		
TEST CCB_1	03/30/06	12:15	1	-.00180	ND		
200.8_MRLCHK	03/30/06	12:18	1	5.0891	5.09		
2603210150	03/30/06	12:21	1	3.1735	3.2		
2603210153	03/30/06	12:24	1	14.461	14		
2603210155	03/30/06	12:29	1	5.0570	5.1		
2603210156	03/30/06	12:33	1	3.2324	3.2		
2603220347	03/30/06	12:38	1	4.5190	4.5		
2603220348	03/30/06	12:42	1	3.1972	3.2		
2603220357	03/30/06	12:47	1	1.7019	1.7		
2603220360	03/30/06	12:50	1	2.8617	2.9		
2603230069	03/30/06	12:54	1	5.9820	6.0		
TEST CCV_2	03/30/06	13:02	1	48.708	48.7		
TEST CCB_2	03/30/06	13:15	1	.00358	0.004		
2603230197	03/30/06	13:21	1	3.3541	3.4		
2603240118	03/30/06	13:25	1	2.6661	2.7		
2603240118_Dil(10)	03/30/06	13:30	10	3.0848	3.1		
2603240135	03/30/06	13:34	1	5.2946	5.3		
2603240135MS (0119)	03/30/06	13:38	1	45.289	45.3	[39.995]	79.9%
2603240135MSD(0120)	03/30/06	13:43	1	46.618	46.6	[41.324]	82.6%
2603240135T	03/30/06	13:43	1		50.00	70 - 130	
2603240122	03/30/06	13:48	1	32.772	33		
2603240122_Dil(10)	03/30/06	13:54	10	37.009	37		
2603150120_Dil(10)	03/30/06	13:57	10	36.340	36		

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NI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	97.976	98		
TEST CCB_3	03/30/06	14:46	1	-.00423	ND		
200.8_MBLANK	03/30/06	14:50	1	.05355	0.054		
200.8_LCS	03/30/06	14:52	1	47.567	47.6	85-115	95.1%
200.8_LCSD	03/30/06	14:54	1	48.622	48.6	85-115	97.2%
2603170065	03/30/06	15:00	1	1.7466	1.7		
2603170065MS	03/30/06	15:03	1	47.141	47.1	[45.395]	90.7%
2603170065MSD	03/30/06	15:04	1	48.071	48.1	[46.325]	92.6%
2603170065T	03/30/06	15:04	1		50.00	70 - 130	
2603180007	03/30/06	15:16	1	2.2106	2.2		
200.8_MRLCHK	03/30/06	15:21	1	5.1741	5.17		
TEST CCV_4	03/30/06	15:24	1	18.945	18.9		
TEST CCB_4	03/30/06	15:32	1	.00323	0.003		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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CU

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	101.32	101		
TEST ICB	03/30/06	09:59	1	.02166	0.022		
TEST MRL_CHK1	03/30/06	10:03	1	1.9806	1.98		
TEST MRL_Low	03/30/06	10:11	1	.38902	0.389		
TEST LINRTY	03/30/06	10:14	1	487.16	490		
MCV	03/30/06	10:23	1	100.12	100	90-110	100%
C_S Check	03/30/06	10:32	1	-.05894	ND		
ICPMS ICSA	03/30/06	10:46	1	4.4357	4.44	[4.436]	4.43 Q
ICPMS ICSAB	03/30/06	10:50	1	22.937	22.9	[22.937]	22.9 Q
C.O.B.	03/30/06	11:01	1	.04692	0.047		
200.8_LCS	03/30/06	11:07	1	93.512	93.5	85-115	93.5%
200.8_LCSD	03/30/06	11:12	1	93.284	93.3	85-115	93.2%
2603090347	03/30/06	11:24	1	2.0250	2.0		
2603100260	03/30/06	11:29	1	4.3793	4.4		
2603140436	03/30/06	11:32	1	4.8767	4.9		
2603140436_Dil(5)	03/30/06	11:37	5	4.7046	4.7		
2603140472	03/30/06	11:41	1	.32262	0.32		
2603150119	03/30/06	11:44	1	.79274	0.79		
2603150119MS	03/30/06	11:47	1	91.205	91.2	[90.413]	90.4%
2603150120	03/30/06	11:52	1	37.331	37		
2603210144	03/30/06	11:59	1	9.7890	9.8		
TEST CCV_1	03/30/06	12:05	1	18.779	18.8		
TEST CCB_1	03/30/06	12:15	1	.03312	0.033		
200.8_MRLCHK	03/30/06	12:18	1	2.0091	2.01		
2603210150	03/30/06	12:21	1	7.4000	7.4		
2603210153	03/30/06	12:24	1	50.107	50		
2603210155	03/30/06	12:29	1	4.2521	4.3		
2603210156	03/30/06	12:33	1	2.5194	2.5		
2603220347	03/30/06	12:38	1	6.9710	7.0		
2603220348	03/30/06	12:42	1	2.0902	2.1		
2603220357	03/30/06	12:47	1	1.0754	1.1		
2603220360	03/30/06	12:50	1	1.9996	2.0		
2603230069	03/30/06	12:54	1	2.6192	2.6		
TEST CCV_2	03/30/06	13:02	1	48.780	48.8		
TEST CCB_2	03/30/06	13:15	1	.04079	0.041		
2603230197	03/30/06	13:21	1	1.8761	1.9		
2603240118	03/30/06	13:25	1	1.7643	1.8		
2603240118_Dil(10)	03/30/06	13:30	10	2.6291	2.6		
2603240135	03/30/06	13:34	1	2.8698	2.9		
2603240135MS (0119)	03/30/06	13:38	1	87.800	87.8	[84.931]	84.9%
2603240135MSD(0120)	03/30/06	13:43	1	85.050	85.1	[82.180]	82.1%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	24.154	24		
2603240122_Dil(10)	03/30/06	13:54	10	28.183	28		
2603150120_Dil(10)	03/30/06	13:57	10	41.032	41		

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CU

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	101.29	101		
TEST CCB_3	03/30/06	14:46	1	.02647	0.026		
200.8_MBLANK	03/30/06	14:50	1	.06304	0.063		
200.8_LCS	03/30/06	14:52	1	98.181	98.2	85-115	98.1%
200.8_LCSD	03/30/06	14:54	1	100.28	100	85-115	100%
2603170065	03/30/06	15:00	1	.27849	0.28		
2603170065MS	03/30/06	15:03	1	90.073	90.1	[89.795]	89.7%
2603170065MSD	03/30/06	15:04	1	92.037	92	[91.759]	91.7%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	6.4126	6.4		
200.8_MRLCHK	03/30/06	15:21	1	2.2078	2.21		
TEST CCV_4	03/30/06	15:24	1	19.073	19.1		
TEST CCB_4	03/30/06	15:32	1	-.01329	ND		
MBLANK	03/30/06	15:32	1	-.01329	ND		
LCS	03/30/06	15:38	1	96.867	96.9	85-115	96.8%
LCSD	03/30/06	15:39	1	98.871	98.9	85-115	98.8%
2603210141	03/30/06	15:52	1	-.01492	ND		
2603210141MS	03/30/06	15:57	1	97.941	97.9	[97.941]	97.9%
2603210141MSD	03/30/06	15:58	1	98.448	98.4	[98.449]	98.4%
2603210141T	03/30/06	15:58	1		100.00	70 - 130	
2603170004	03/30/06	16:04	1	.10488	0.100		
2603150078	03/30/06	16:06	1	17.734	18		
2603150079	03/30/06	16:08	1	1.1190	1.1		
2603150343	03/30/06	16:10	1	-.00811	ND		
2603230001	03/30/06	16:13	1	.04386	0.044		
2603210240	03/30/06	16:15	1	769.02	770		
2603210241	03/30/06	16:17	1	18.973	19		
TEST MRL_Low	03/30/06	16:20	1	.53211	0.532		
TEST CCV	03/30/06	16:23	1	50.144	50.1		
TEST CCB	03/30/06	16:27	1	.08908	0.089		
2603300001	03/30/06	16:31	1	.04060	0.041		
2603300001MS	03/30/06	16:34	1	94.665	94.7	[94.625]	94.6%
2603300002	03/30/06	16:39	1	-.03451	ND		
2603300003	03/30/06	16:41	1	-.04489	ND		
2603210258	03/30/06	16:44	1	14.270	14		
2603210259	03/30/06	16:47	1	.29068	0.29		
2603220209	03/30/06	16:50	1	12.464	12		
2603220211	03/30/06	16:53	1	.09399	0.094		
2603220223	03/30/06	16:55	1	.12714	0.13		
2603220224	03/30/06	16:57	1	18.331	18		
TEST CCV	03/30/06	17:00	1	19.612	19.6		
TEST CCB	03/30/06	17:04	1	-.00833	ND		
2603150120_Dil(100)	03/30/06	17:13	100	N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100	N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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ZN

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	100.21	100		
TEST ICB	03/30/06	09:59	1	.00859	0.009		
TEST MRL_CHK1	03/30/06	10:03	1	4.7852	4.79		
TEST MRL_Low	03/30/06	10:11	1	.90845	0.908		
TEST LINRTY	03/30/06	10:14	1	527.10	530		
MCV	03/30/06	10:23	1	97.847	97.8	90-110	97.8%
C_S Check	03/30/06	10:32	1	1.6246	1.6		
ICPMS ICSA	03/30/06	10:46	1	7.9100	7.91	[7.910]	7.91 Q
ICPMS ICSAB	03/30/06	10:50	1	27.084	27.1	[27.085]	27.0 Q
C.O.B.	03/30/06	11:01	1	.11160	0.11		
200.8_LCS	03/30/06	11:07	1	96.282	96.3	85-115	96.2%
200.8_LCSD	03/30/06	11:12	1	96.893	96.9	85-115	96.8%
2603090347	03/30/06	11:24	1	5.0799	5.1		
2603100260	03/30/06	11:29	1	10.638	11		
2603140436	03/30/06	11:32	1	39.255	39		
2603140436_Dil(5)	03/30/06	11:37	5	42.872	43		
2603140472	03/30/06	11:41	1	3.3794	3.4		
2603150119	03/30/06	11:44	1	17.204	17		
2603150119MS	03/30/06	11:47	1	111.15	111	[93.954]	93.9%
2603150120	03/30/06	11:52	1	3471.0	3500		
2603210144	03/30/06	11:59	1	57.966	58		
TEST CCV_1	03/30/06	12:05	1	19.217	19.2		
TEST CCB_1	03/30/06	12:15	1	.05426	0.054		
200.8_MRLCHK	03/30/06	12:18	1	7.2164	7.22		
2603210150	03/30/06	12:21	1	58.203	58		
2603210153	03/30/06	12:24	1	76.788	77		
2603210155	03/30/06	12:29	1	74.694	75		
2603210156	03/30/06	12:33	1	41.355	41		
2603220347	03/30/06	12:38	1	10.762	11		
2603220348	03/30/06	12:42	1	43.104	43		
2603220357	03/30/06	12:47	1	52.275	52		
2603220360	03/30/06	12:50	1	5.0190	5.0		
2603230069	03/30/06	12:54	1	1.9662	2.0		
TEST CCV_2	03/30/06	13:02	1	50.358	50.4		
TEST CCB_2	03/30/06	13:15	1	.01823	0.018		
2603230197	03/30/06	13:21	1	10.481	10		
2603240118	03/30/06	13:25	1	291.34	290		
2603240118_Dil(10)	03/30/06	13:30	10	376.21	380		
2603240135	03/30/06	13:34	1	2.8592	2.9		
2603240135MS (0119)	03/30/06	13:38	1	97.174	97.2	[94.315]	94.3%
2603240135MSD(0120)	03/30/06	13:43	1	92.972	93	[90.114]	90.1%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	104.17	100		
2603240122_Dil(10)	03/30/06	13:54	10	133.31	130		
2603150120_Dil(10)	03/30/06	13:57	10	4029.0	4000		

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ZN

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	105.36	105		
TEST CCB_3	03/30/06	14:46	1	.01741	0.017		
200.8_MBLANK	03/30/06	14:50	1	3.0022	3.0		
200.8_LCS	03/30/06	14:52	1	105.57	106	85-115	105%
200.8_LCSD	03/30/06	14:54	1	107.29	107	85-115	107%
2603170065	03/30/06	15:00	1	3.5290	3.5		
2603170065MS	03/30/06	15:03	1	99.916	99.9	[96.387]	96.3%
2603170065MSD	03/30/06	15:04	1	100.45	100	[96.924]	96.9%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	9.6439	9.6		
200.8_MRLCHK	03/30/06	15:21	1	7.2888	7.29		
TEST CCV_4	03/30/06	15:24	1	19.617	19.6		
TEST CCB_4	03/30/06	15:32	1	-.01541	ND		
MBLANK	03/30/06	15:32	1	-.01541	ND		
LCS	03/30/06	15:38	1	95.999	96	85-115	95.9%
LCSD	03/30/06	15:39	1	97.976	98	85-115	97.9%
2603210141	03/30/06	15:52	1	.19092	0.19		
2603210141MS	03/30/06	15:57	1	99.334	99.3	[99.143]	99.1%
2603210141MSD	03/30/06	15:58	1	101.20	101	[101.016]	101%
2603210141T	03/30/06	15:58	1		100.00	70 - 130	
2603170004	03/30/06	16:04	1	.52625	0.53		
2603150078	03/30/06	16:06	1	20.358	20		
2603150079	03/30/06	16:08	1	3.0659	3.1		
2603150343	03/30/06	16:10	1	-.01493	ND		
2603230001	03/30/06	16:13	1	.00366	0.004		
2603210240	03/30/06	16:15	1	10.385	10		
2603210241	03/30/06	16:17	1	.80709	0.81		
TEST MRL_Low	03/30/06	16:20	1	.88652	0.887		
TEST CCV	03/30/06	16:23	1	50.641	50.6		
TEST CCB	03/30/06	16:27	1	.07018	0.070		
2603300001	03/30/06	16:31	1	1.4058	1.4		
2603300001MS	03/30/06	16:34	1	98.741	98.7	[97.335]	97.3%
2603300002	03/30/06	16:39	1	-.04697	ND		
2603300003	03/30/06	16:41	1	-.04929	ND		
2603210258	03/30/06	16:44	1	.26630	0.27		
2603210259	03/30/06	16:47	1	.25118	0.25		
2603220209	03/30/06	16:50	1	4.5452	4.5		
2603220211	03/30/06	16:53	1	.48695	0.49		
2603220223	03/30/06	16:55	1	.62703	0.63		
2603220224	03/30/06	16:57	1	18.016	18		
TEST CCV	03/30/06	17:00	1	19.367	19.4		
TEST CCB	03/30/06	17:04	1	-.01719	ND		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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AS

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	100.37	100		
TEST ICB	03/30/06	09:59	1	.00010	00		
TEST MRL_CHK1	03/30/06	10:03	1	1.1769	1.18		
TEST MRL_Low	03/30/06	10:11	1	.26598	0.266		
TEST LINRTY	03/30/06	10:14	1	528.00	530		
MCV	03/30/06	10:23	1	99.455	99.5	90-110	99.4%
C_S Check	03/30/06	10:32	1	.10815	0.11		
ICPMS ICSA	03/30/06	10:46	1	.29790	0.298	[0.298]	1.48 Q
ICPMS ICSAB	03/30/06	10:50	1	20.210	20.2	[20.210]	101%
C.O.B.	03/30/06	11:01	1	-.01666	ND		
200.8_LCS	03/30/06	11:07	1	18.818	18.8	85-115	94.0%
200.8_LCSD	03/30/06	11:12	1	19.256	19.3	85-115	96.2%
2603090347	03/30/06	11:24	1	2.3963	2.4 ✓ ← confirmed		RSD 3/31
2603100260	03/30/06	11:29	1	-.10679	ND		
2603140436	03/30/06	11:32	1	63.370	63 ✓ ←		
2603140436_Dil(5)	03/30/06	11:37	5	61.892	62		
2603140472	03/30/06	11:41	1	-.22055	ND ✓		
2603150119	03/30/06	11:44	1	-.11060	ND ✓		
2603150119MS	03/30/06	11:47	1	18.960	19	[18.960]	94.8%
2603150120	03/30/06	11:52	1	64.777	65 ✓		
2603210144	03/30/06	11:59	1	73.290	73 ✓		
TEST CCV_1	03/30/06	12:05	1	19.773	19.8		
TEST CCB_1	03/30/06	12:15	1	.00104	0.001		
200.8_MRLCHK	03/30/06	12:18	1	1.0917	1.09		
2603210150	03/30/06	12:21	1	43.620	44 ✓ ← confirmed		
2603210153	03/30/06	12:24	1	123.60	120 ✓		
2603210155	03/30/06	12:29	1	74.828	75 ✓		
2603210156	03/30/06	12:33	1	74.245	74 ✓		
2603220347	03/30/06	12:38	1	115.89	120 ✓		
2603220348	03/30/06	12:42	1	49.885	50 ✓		
2603220357	03/30/06	12:47	1	39.180	39 ✓		
2603220360	03/30/06	12:50	1	63.193	63 ✓		
2603230069	03/30/06	12:54	1	155.31	160 ✓		
TEST CCV_2	03/30/06	13:02	1	51.936	51.9		
TEST CCB_2	03/30/06	13:15	1	-.00113	ND		
2603230197	03/30/06	13:21	1	35.915	36 ✓		
2603240118	03/30/06	13:25	1	3.5220	3.5		
2603240118_Dil(10)	03/30/06	13:30	10	4.2578	4.3		
2603240135	03/30/06	13:34	1	87.635	88 ✓		
2603240135MS	03/30/06	13:38	1	109.87	110	[22.238]	111%
2603240135MSD	03/30/06	13:43	1	109.68	110	[22.046]	110%
2603240135T	03/30/06	13:43	1		20.00	70 - 130	
2603240122	03/30/06	13:48	1	58.404	58 ✓		
2603240122_Dil(10)	03/30/06	13:54	10	61.858	62		
2603150120_Dil(10)	03/30/06	13:57	10	58.834	59		

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AS

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	97.044	97		
TEST CCB_3	03/30/06	14:46	1	.00522	0.005		
200.8_MBLANK	03/30/06	14:50	1	-.15193	ND		
200.8_LCS	03/30/06	14:52	1	20.488	20.5	85-115	102%
200.8_LCSD	03/30/06	14:54	1	20.757	20.8	85-115	103%
2603170065	03/30/06	15:00	1	4.6287	4.6		
2603170065MS	03/30/06	15:03	1	26.508	26.5	[21.880]	109%
2603170065MSD	03/30/06	15:04	1	27.023	27	[22.394]	111%
2603170065T	03/30/06	15:04	1		20.00	70 - 130	
2603180007	03/30/06	15:16	1	.20393	0.20		
200.8_MRLCHK	03/30/06	15:21	1	.99006	0.99		
TEST CCV_4	03/30/06	15:24	1	20.511	20.5		
TEST CCB_4	03/30/06	15:32	1	-.03402	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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SE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	99.160	99.2		
TEST ICB	03/30/06	09:59	1	.01382	0.014		
TEST MRL_CHK1	03/30/06	10:03	1	4.6642	4.66		
TEST MRL_Low	03/30/06	10:11	1	.98987	0.99		
TEST LINRTY	03/30/06	10:14	1	543.10	540		
MCV	03/30/06	10:23	1	98.444	98.4	90-110	98.4%
C_S Check	03/30/06	10:32	1	.26538	0.27		
ICPMS ICSA	03/30/06	10:46	1	.32374	0.324	[0.324]	1.61 Q
ICPMS ICSAB	03/30/06	10:50	1	20.183	20.2	[20.184]	100%
C.O.B.	03/30/06	11:01	1	-.02663	ND		
200.8_LCS	03/30/06	11:07	1	19.675	19.7	85-115	98.3%
200.8_LCSD	03/30/06	11:12	1	19.493	19.5	85-115	97.4%
2603090347	03/30/06	11:24	1	2.5587	2.6		
2603100260	03/30/06	11:29	1	-.08000	ND		
2603140436	03/30/06	11:32	1	2.2480	2.2		
2603140436_Dil(5)	03/30/06	11:37	5	2.2983	2.3		
2603140472	03/30/06	11:41	1	.03079	0.031		
2603150119	03/30/06	11:44	1	-.06397	ND		
2603150119MS	03/30/06	11:47	1	18.610	18.6	[18.611]	93.0%
2603150120	03/30/06	11:52	1	3.5738	3.6		
2603210144	03/30/06	11:59	1	3.6891	3.7		
TEST CCV_1	03/30/06	12:05	1	19.037	19		
TEST CCB_1	03/30/06	12:15	1	-.05911	ND		
200.8_MRLCHK	03/30/06	12:18	1	4.9968	5.00		
2603210150	03/30/06	12:21	1	4.7555	4.8		
2603210153	03/30/06	12:24	1	6.2357	6.2		
2603210155	03/30/06	12:29	1	3.7298	3.7		
2603210156	03/30/06	12:33	1	3.1504	3.2		
2603220347	03/30/06	12:38	1	6.8539	6.9		
2603220348	03/30/06	12:42	1	3.0642	3.1		
2603220357	03/30/06	12:47	1	2.8485	2.8		
2603220360	03/30/06	12:50	1	2.1445	2.1		
2603230069	03/30/06	12:54	1	3.5788	3.6		
TEST CCV_2	03/30/06	13:02	1	49.285	49.3		
TEST CCB_2	03/30/06	13:15	1	-.00969	ND		
2603230197	03/30/06	13:21	1	2.8337	2.8		
2603240118	03/30/06	13:25	1	1.9063	1.9		
2603240118_Dil(10)	03/30/06	13:30	10	1.6592	1.7		
2603240135	03/30/06	13:34	1	5.2192	5.2		
2603240135MS (0119)	03/30/06	13:38	1	27.814	27.8	[22.595]	112%
2603240135MSD(0120)	03/30/06	13:43	1	27.991	28	[22.773]	113%
2603240135T	03/30/06	13:43	1		20.00	70 - 130	
2603240122	03/30/06	13:48	1	2.5978	2.6		
2603240122_Dil(10)	03/30/06	13:54	10	2.8062	2.8		
2603150120_Dil(10)	03/30/06	13:57	10	3.4285	3.4		

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SE

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	99.792	99.8		
TEST CCB_3	03/30/06	14:46	1	-.02577	ND		
200.8_MBLANK	03/30/06	14:50	1	.10118	0.100		
200.8_LCS	03/30/06	14:52	1	20.328	20.3	85-115	101%
200.8_LCSD	03/30/06	14:54	1	20.703	20.7	85-115	103%
2603170065	03/30/06	15:00	1	14.353	14		
2603170065MS	03/30/06	15:03	1	35.632	35.6	[21.279]	106%
2603170065MSD	03/30/06	15:04	1	36.053	36.1	[21.701]	108%
2603170065T	03/30/06	15:04	1		20.00	70 - 130	
2603180007	03/30/06	15:16	1	.73054	0.73		
200.8_MRLCHK	03/30/06	15:21	1	4.9201	4.92		
TEST CCV_4	03/30/06	15:24	1	19.453	19.5		
TEST CCB_4	03/30/06	15:32	1	-.09833	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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MO

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	101.01	101		
TEST ICB	03/30/06	09:59	1	.06029	0.060		
TEST MRL_CHK1	03/30/06	10:03	1	2.0858	2.09		
TEST MRL_Low	03/30/06	10:11	1	.42545	0.425		
TEST LINRTY	03/30/06	10:14	1	490.80	490		
MCV	03/30/06	10:23	1	99.047	99	90-110	
C_S Check	03/30/06	10:32	1	.05048	0.050		
ICPMS ICSA	03/30/06	10:46	1	1892.6	1892	[%1892.620]	1892 Q
ICPMS ICSAB	03/30/06	10:50	1	1911.9	1911	[%1911.984]	1911 Q
C.O.B.	03/30/06	11:01	1	.06756	0.068		
200.8_LCS	03/30/06	11:07	1	94.746	94.7	85-115	94.7%
200.8_LCSD	03/30/06	11:12	1	95.448	95.4	85-115	95.4%
2603090347	03/30/06	11:24	1	6.0925	6.1		
2603100260	03/30/06	11:29	1	.18965	0.19		
2603140436	03/30/06	11:32	1	19.357	19		
2603140436_Dil(5)	03/30/06	11:37	5	17.674	18		
2603140472	03/30/06	11:41	1	.09240	0.092		
2603150119	03/30/06	11:44	1	.07105	0.071		
2603150119MS	03/30/06	11:47	1	95.392	95.4	[95.322]	95.3%
2603150120	03/30/06	11:52	1	4.3784	4.4		
2603210144	03/30/06	11:59	1	13.142	13		
TEST CCV_1	03/30/06	12:05	1	20.592	20.6		
TEST CCB_1	03/30/06	12:15	1	.01828	0.018		
200.8_MRLCHK	03/30/06	12:18	1	2.1670	2.17		
2603210150	03/30/06	12:21	1	5.2976	5.3		
2603210153	03/30/06	12:24	1	42.213	42		
2603210155	03/30/06	12:29	1	12.854	13		
2603210156	03/30/06	12:33	1	13.296	13		
2603220347	03/30/06	12:38	1	49.198	49		
2603220348	03/30/06	12:42	1	5.1640	5.2		
2603220357	03/30/06	12:47	1	5.2265	5.2		
2603220360	03/30/06	12:50	1	21.450	21		
2603230069	03/30/06	12:54	1	17.885	18		
TEST CCV_2	03/30/06	13:02	1	52.293	52.3		
TEST CCB_2	03/30/06	13:15	1	.01486	0.015		
2603230197	03/30/06	13:21	1	13.476	13		
2603240118	03/30/06	13:25	1	1.5370	1.5		
2603240118_Dil(10)	03/30/06	13:30	10	1.5497	1.5		
2603240135	03/30/06	13:34	1	124.46	120		
2603240135MS (0118)	03/30/06	13:38	1	244.11	244	[119.655]	119%
2603240135MSD (0120)	03/30/06	13:43	1	229.36	229	[104.905]	104%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	13.148	13		
2603240122_Dil(10)	03/30/06	13:54	10	11.310	11		
2603150120_Dil(10)	03/30/06	13:57	10	3.3540	3.4		

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MO

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	108.25	108		
TEST CCB_3	03/30/06	14:46	1	.00947	0.009		
200.8_MBLANK	03/30/06	14:50	1	.01578	0.016		
200.8_LCS	03/30/06	14:52	1	100.45	100	85-115	100%
200.8_LCSD	03/30/06	14:54	1	101.04	101	85-115	101%
2603170065	03/30/06	15:00	1	.36893	0.37		
2603170065MS	03/30/06	15:03	1	105.92	106	[105.552]	105%
2603170065MSD	03/30/06	15:04	1	106.43	106	[106.064]	106%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	.14356	0.14		
200.8_MRLCHK	03/30/06	15:21	1	2.1075	2.11		
TEST CCV_4	03/30/06	15:24	1	20.330	20.3		
TEST CCB_4	03/30/06	15:32	1	-.07236	ND		
MBLANK	03/30/06	15:32	1	-.07236	ND		
LCS	03/30/06	15:38	1	96.788	96.8	85-115	96.7%
LCSD	03/30/06	15:39	1	98.308	98.3	85-115	98.3%
2603210141	03/30/06	15:52	1	2.7360	2.7		
2603210141MS	03/30/06	15:57	1	100.43	100	[97.696]	97.6%
2603210141MSD	03/30/06	15:58	1	101.96	102	[99.230]	99.2%
2603210141T	03/30/06	15:58	1		100.00	70 - 130	
2603170004	03/30/06	16:04	1	1.0328	1.0		
2603150078	03/30/06	16:06	1	.48324	0.48		
2603150079	03/30/06	16:08	1	.1635	0.16		
2603150343	03/30/06	16:10	1	.03672	0.037		
2603230001	03/30/06	16:13	1	.93309	0.93		
2603210240	03/30/06	16:15	1	.00791	0.008		
2603210241	03/30/06	16:17	1	.81591	0.82		
TEST MRL_Low	03/30/06	16:20	1	.41810	0.418		
TEST CCV	03/30/06	16:23	1	51.433	51.4		
TEST CCB	03/30/06	16:27	1	.19888	0.20		
2603300001	03/30/06	16:31	1	.21121	0.21		
2603300001MS	03/30/06	16:34	1	96.196	96.2	[95.985]	95.9%
2603300002	03/30/06	16:39	1	.06235	0.062		
2603300003	03/30/06	16:41	1	.00094	0.001		
2603210258	03/30/06	16:44	1	4.6523	4.7		
2603210259	03/30/06	16:47	1	.20384	0.20		
2603220209	03/30/06	16:50	1	3.9625	4.0		
2603220211	03/30/06	16:53	1	.42965	0.43		
2603220223	03/30/06	16:55	1	-.01448	ND		
2603220224	03/30/06	16:57	1	.20545	0.21		
TEST CCV	03/30/06	17:00	1	20.433	20.4		
TEST CCB	03/30/06	17:04	1	-.01733	ND		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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AG

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	99.979	100		
TEST ICB	03/30/06	09:59	1	.01946	0.019		
TEST MRL_CHK1	03/30/06	10:03	1	.47919	0.479		
TEST MRL_Low	03/30/06	10:11	1	.10797	0.108		
TEST LINRTY	03/30/06	10:14	1	478.68	480		
MCV	03/30/06	10:23	1	20.181	20.2	90-110	
C_S Check	03/30/06	10:32	1	.01668	0.017		
ICPMS ICSA	03/30/06	10:46	1	.14343	0.143	[0.143]	.286 Q
ICPMS ICSAB	03/30/06	10:50	1	20.162	20.2	[20.163]	40.3 Q
C.O.B.	03/30/06	11:01	1	.00064	0.001		
200.8_LCS	03/30/06	11:07	1	50.210	50.2	85-115	100%
200.8_LCSD	03/30/06	11:12	1	50.289	50.3	85-115	100%
2603090347	03/30/06	11:24	1	.02165	0.022		
2603100260	03/30/06	11:29	1	.01072	0.011		
2603140436	03/30/06	11:32	1	.05478	0.055		
2603140436_Dil(5)	03/30/06	11:37	5	.05371	0.054		
2603140472	03/30/06	11:41	1	.00755	0.008		
2603150119	03/30/06	11:44	1	.00541	0.005		
2603150119MS	03/30/06	11:47	1	49.385	49.4	[49.380]	98.7%
2603150120	03/30/06	11:52	1	.10709	0.11		
2603210144	03/30/06	11:59	1	.03761	0.038		
TEST CCV_1	03/30/06	12:05	1	20.807	20.8		
TEST CCB_1	03/30/06	12:15	1	.00130	0.001		
200.8_MRLCHK	03/30/06	12:18	1	.53659	0.537		
2603210150	03/30/06	12:21	1	.02012	0.020		
2603210153	03/30/06	12:24	1	.09609	0.096		
2603210155	03/30/06	12:29	1	.04405	0.044		
2603210156	03/30/06	12:33	1	.02704	0.027		
2603220347	03/30/06	12:38	1	.02489	0.025		
2603220348	03/30/06	12:42	1	.02384	0.024		
2603220357	03/30/06	12:47	1	.00748	0.007		
2603220360	03/30/06	12:50	1	.00803	0.008		
2603230069	03/30/06	12:54	1	.01081	0.011		
TEST CCV_2	03/30/06	13:02	1	52.742	52.7		
TEST CCB_2	03/30/06	13:15	1	-.00053	ND		
2603230197	03/30/06	13:21	1	.02102	0.021		
2603240118	03/30/06	13:25	1	.04044	0.040		
2603240118_Dil(10)	03/30/06	13:30	10	.01625	0.016		
2603240135	03/30/06	13:34	1	.01327	0.013		
2603240135MS	03/30/06	13:38	1	47.911	47.9	[47.898]	95.7%
2603240135MSD	03/30/06	13:43	1	44.584	44.6	[44.571]	89.1%
2603240135T	03/30/06	13:43	1		50.00	70 - 130	
2603240122	03/30/06	13:48	1	.12662	0.13		
2603240122_Dil(10)	03/30/06	13:54	10	.08160	0.082		
2603150120_Dil(10)	03/30/06	13:57	10	.05703	0.057		

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AG

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	106.05	106		
TEST CCB_3	03/30/06	14:46	1	-.00077	ND		
200.8_MBLANK	03/30/06	14:50	1	.01228	0.012		
200.8_LCS	03/30/06	14:52	1	51.759	51.8	85-115	103%
200.8_LCSD	03/30/06	14:54	1	52.451	52.5	85-115	104%
2603170065	03/30/06	15:00	1	.01466	0.015		
2603170065MS	03/30/06	15:03	1	48.154	48.2	[48.140]	96.2%
2603170065MSD	03/30/06	15:04	1	48.540	48.5	[48.526]	97.0%
2603170065T	03/30/06	15:04	1		50.00	70 - 130	
2603180007	03/30/06	15:16	1	.02535	0.025		
200.8_MRLCHK	03/30/06	15:21	1	.52229	0.522		
TEST CCV_4	03/30/06	15:24	1	20.504	20.5		
TEST CCB_4	03/30/06	15:32	1	-.00432	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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CD

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	99.842	99.8		
TEST ICB	03/30/06	09:59	1	.01409	0.014		
TEST MRL_CHK1	03/30/06	10:03	1	.52111	0.521		
TEST MRL_Low	03/30/06	10:11	1	.11624	0.116		
TEST LINRTY	03/30/06	10:14	1	486.53	490		
MCV	03/30/06	10:23	1	50.213	50.2	90-110	100%
C_S Check	03/30/06	10:32	1	.02296	0.023		
ICPMS ICSA	03/30/06	10:46	1	6.4097	6.41	[6.410]	32.0 Q
ICPMS ICSAB	03/30/06	10:50	1	16.382	16.4	[16.382]	81.9%
C.O.B.	03/30/06	11:01	1	.00234	0.002		
200.8_LCS	03/30/06	11:07	1	20.298	20.3	85-115	101%
200.8_LCSD	03/30/06	11:12	1	20.444	20.4	85-115	102%
2603090347	03/30/06	11:24	1	.02734	0.027		
2603100260	03/30/06	11:29	1	.00786	0.008		
2603140436	03/30/06	11:32	1	.11562	0.12		
2603140436_Dil(5)	03/30/06	11:37	5	.10949	0.11		
2603140472	03/30/06	11:41	1	.01145	0.011		
2603150119	03/30/06	11:44	1	.10017	0.100		
2603150119MS	03/30/06	11:47	1	20.194	20.2	[20.094]	100%
2603150120	03/30/06	11:52	1	.88473	0.88		
2603210144	03/30/06	11:59	1	.15927	0.16		
TEST CCV_1	03/30/06	12:05	1	20.431	20.4		
TEST CCB_1	03/30/06	12:15	1	.0019	0.002		
200.8_MRLCHK	03/30/06	12:18	1	.54651	0.547		
2603210150	03/30/06	12:21	1	.28709	0.29		
2603210153	03/30/06	12:24	1	.65067	0.65		
2603210155	03/30/06	12:29	1	.08927	0.089		
2603210156	03/30/06	12:33	1	.06899	0.069		
2603220347	03/30/06	12:38	1	.21187	0.21		
2603220348	03/30/06	12:42	1	.04469	0.045		
2603220357	03/30/06	12:47	1	.03387	0.034		
2603220360	03/30/06	12:50	1	.06662	0.067		
2603230069	03/30/06	12:54	1	.06803	0.068		
TEST CCV_2	03/30/06	13:02	1	51.805	51.8		
TEST CCB_2	03/30/06	13:15	1	.00246	0.002		
2603230197	03/30/06	13:21	1	.05894	0.059		
2603240118	03/30/06	13:25	1	.13090	0.13		
2603240118_Dil(10)	03/30/06	13:30	10	.13402	0.13		
2603240135	03/30/06	13:34	1	.37592	0.38		
2603240135MS (0119)	03/30/06	13:38	1	21.331	21.3	[20.956]	104%
2603240135MSD (0120)	03/30/06	13:43	1	19.955	20	[19.580]	97.8%
2603240135T	03/30/06	13:43	1		20.00	70 - 130	
2603240122	03/30/06	13:48	1	.26301	0.26		
2603240122_Dil(10)	03/30/06	13:54	10	.29680	0.30		
2603150120_Dil(10)	03/30/06	13:57	10	.90266	0.90		

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CD

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	105.58	106		
TEST CCB_3	03/30/06	14:46	1	.00292	0.003		
200.8_MBLANK	03/30/06	14:50	1	.00177	0.002		
200.8_LCS	03/30/06	14:52	1	20.670	20.7	85-115	103%
200.8_LCSD	03/30/06	14:54	1	20.870	20.9	85-115	104%
2603170065	03/30/06	15:00	1	.00390	0.004		
2603170065MS	03/30/06	15:03	1	20.423	20.4	[20.420]	102%
2603170065MSD	03/30/06	15:04	1	20.523	20.5	[20.519]	102%
2603170065T	03/30/06	15:04	1		20.00	70 - 130	
2603180007	03/30/06	15:16	1	.01755	0.018		
200.8_MRLCHK	03/30/06	15:21	1	.53867	0.539		
TEST CCV_4	03/30/06	15:24	1	19.966	20		
TEST CCB_4	03/30/06	15:32	1	.00137	0.001		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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SB

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	100.15	100		
TEST ICB	03/30/06	09:59	1	.06737	0.067		
TEST MRL_CHK1	03/30/06	10:03	1	1.0247	1.02		
TEST MRL_Low	03/30/06	10:11	1	.22225	0.222		
TEST LINRTY	03/30/06	10:14	1	488.39	490		
MCV	03/30/06	10:23	1	102.22	102	90-110	102%
C_S Check	03/30/06	10:32	1	.18635	0.19		
ICPMS ICSA	03/30/06	10:46	1	1.1597	1.16	[1.160]	2.31 Q
ICPMS ICSAB	03/30/06	10:50	1	.99881	0.999	[0.999]	1.99 Q
C.O.B.	03/30/06	11:01	1	.00686	0.007		
200.8_LCS	03/30/06	11:07	1	51.476	51.5	85-115	102%
200.8_LCSD	03/30/06	11:12	1	51.951	52	85-115	103%
2603090347	03/30/06	11:24	1	.4302	0.43		
2603100260	03/30/06	11:29	1	.05747	0.057		
2603140436	03/30/06	11:32	1	.25657	0.26		
2603140436_Dil(5)	03/30/06	11:37	5	.27644	0.28		
2603140472	03/30/06	11:41	1	.04013	0.040		
2603150119	03/30/06	11:44	1	.03178	0.032		
2603150119MS	03/30/06	11:47	1	52.385	52.4	[52.354]	104%
2603150120	03/30/06	11:52	1	.29209	0.29		
2603210144	03/30/06	11:59	1	.20166	0.20		
TEST CCV_1	03/30/06	12:05	1	20.898	20.9		
TEST CCB_1	03/30/06	12:15	1	.01159	0.012		
200.8_MRLCHK	03/30/06	12:18	1	1.1648	1.16		
2603210150	03/30/06	12:21	1	.21185	0.21		
2603210153	03/30/06	12:24	1	1.1395	1.1		
2603210155	03/30/06	12:29	1	.16506	0.17		
2603210156	03/30/06	12:33	1	.14032	0.14		
2603220347	03/30/06	12:38	1	.54051	0.54		
2603220348	03/30/06	12:42	1	.08356	0.084		
2603220357	03/30/06	12:47	1	.07710	0.077		
2603220360	03/30/06	12:50	1	.12924	0.13		
2603230069	03/30/06	12:54	1	.10735	0.11		
TEST CCV_2	03/30/06	13:02	1	51.544	51.5		
TEST CCB_2	03/30/06	13:15	1	.01393	0.014		
2603230197	03/30/06	13:21	1	.25355	0.25		
2603240118	03/30/06	13:25	1	.11080	0.11		
2603240118_Dil(10)	03/30/06	13:30	10	.10035	0.100		
2603240135	03/30/06	13:34	1	.20290	0.20		
2603240135MS	03/30/06	13:38	1	53.332	53.3	[53.129]	106%
2603240135MSD	03/30/06	13:43	1	47.516	47.5	[47.314]	94.6%
2603240135T	03/30/06	13:43	1		50.00	70 - 130	
2603240122	03/30/06	13:48	1	.21745	0.22		
2603240122_Dil(10)	03/30/06	13:54	10	.21098	0.21		
2603150120_Dil(10)	03/30/06	13:57	10	.17977	0.18		

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SB

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	94.581	94.6		
TEST CCB_3	03/30/06	14:46	1	.00404	0.004		
200.8_MBLANK	03/30/06	14:50	1	.05597	0.056		
200.8_LCS	03/30/06	14:52	1	46.525	46.5	85-115	93.0%
200.8_LCSD	03/30/06	14:54	1	46.661	46.7	85-115	93.3%
2603170065	03/30/06	15:00	1	.06796	0.068		
2603170065MS	03/30/06	15:03	1	48.468	48.5	[48.400]	96.8%
2603170065MSD	03/30/06	15:04	1	48.582	48.6	[48.514]	97.0%
2603170065T	03/30/06	15:04	1		50.00	70 - 130	
2603180007	03/30/06	15:16	1	.08213	0.082		
200.8_MRLCHK	03/30/06	15:21	1	1.0230	1.02		
TEST CCV_4	03/30/06	15:24	1	19.626	19.6		
TEST CCB_4	03/30/06	15:32	1	.00488	0.005		
MBLANK	03/30/06	15:32	1	.00488	0.005		
LCS	03/30/06	15:38	1	49.927	49.9	85-115	99.8%
LCSD	03/30/06	15:39	1	51.081	51.1	85-115	102%
2603210141	03/30/06	15:52	1	.05236	0.052		
2603210141MS	03/30/06	15:57	1	51.127	51.1	[51.075]	102%
2603210141MSD	03/30/06	15:58	1	51.954	52	[51.902]	103%
2603210141T	03/30/06	15:58	1		50.00	70 - 130	
2603170004	03/30/06	16:04	1	.03024	0.030		
2603150078	03/30/06	16:06	1	.0547	0.055		
2603150079	03/30/06	16:08	1	.02827	0.028		
2603150343	03/30/06	16:10	1	.21366	0.21		
2603230001	03/30/06	16:13	1	.29514	0.30		
2603210240	03/30/06	16:15	1	.03019	0.030		
2603210241	03/30/06	16:17	1	.10004	0.100		
TEST MRL_Low	03/30/06	16:20	1	.20572	0.206		
TEST CCV	03/30/06	16:23	1	52.745	52.7		
TEST CCB	03/30/06	16:27	1	.20513	0.21		
2603300001	03/30/06	16:31	1	.21468	0.21		
2603300001MS	03/30/06	16:34	1	50.131	50.1	[49.916]	99.8%
2603300002	03/30/06	16:39	1	.17271	0.17		
2603300003	03/30/06	16:41	1	.07337	0.073		
2603210258	03/30/06	16:44	1	.72771	0.73		
2603210259	03/30/06	16:47	1	.01197	0.012		
2603220209	03/30/06	16:50	1	.00832	0.008		
2603220211	03/30/06	16:53	1	-.02892	ND		
2603220223	03/30/06	16:55	1	-.02231	ND		
2603220224	03/30/06	16:57	1	.00173	0.002		
TEST CCV	03/30/06	17:00	1	19.755	19.8		
TEST CCB	03/30/06	17:04	1	-.01838	ND		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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BA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	103.24	103		
TEST ICB	03/30/06	09:59	1	.01837	0.018		
TEST MRL_CHK1	03/30/06	10:03	1	2.0300	2.03		
TEST MRL_Low	03/30/06	10:11	1	.40786	0.408		
TEST LINRTY	03/30/06	10:14	1	525.27	530		
MCV	03/30/06	10:23	1	102.14	102	90-110	102%
C_S Check	03/30/06	10:32	1	.02919	0.029		
ICPMS ICSA	03/30/06	10:46	1	.86437	0.864	[0.864]	.864 Q
ICPMS ICSAB	03/30/06	10:50	1	.97797	0.978	[0.978]	.977 Q
C.O.B.	03/30/06	11:01	1	.00693	0.007		
200.8_LCS	03/30/06	11:07	1	105.58	106	85-115	105%
200.8_LCSD	03/30/06	11:12	1	106.32	106	85-115	106%
2603090347	03/30/06	11:24	1	173.62	170		
2603100260	03/30/06	11:29	1	1.2395	1.2		
2603140436	03/30/06	11:32	1	74.689	75		
2603140436_Dil(5)	03/30/06	11:37	5	76.478	76		
2603140472	03/30/06	11:41	1	.63374	0.63		
2603150119	03/30/06	11:44	1	.77016	0.77		
2603150119MS	03/30/06	11:47	1	104.28	104	[103.518]	103%
2603150120	03/30/06	11:52	1	193.71	190		
2603210144	03/30/06	11:59	1	75.203	75		
TEST CCV_1	03/30/06	12:05	1	21.122	21.1		
TEST CCB_1	03/30/06	12:15	1	.00991	0.010		
200.8_MRLCHK	03/30/06	12:18	1	2.3155	2.32		
2603210150	03/30/06	12:21	1	51.215	51		
2603210153	03/30/06	12:24	1	266.46	270		
2603210155	03/30/06	12:29	1	85.015	85		
2603210156	03/30/06	12:33	1	57.822	58		
2603220347	03/30/06	12:38	1	50.217	50		
2603220348	03/30/06	12:42	1	37.725	38		
2603220357	03/30/06	12:47	1	28.766	29		
2603220360	03/30/06	12:50	1	52.717	53		
2603230069	03/30/06	12:54	1	37.349	37		
TEST CCV_2	03/30/06	13:02	1	52.600	52.6		
TEST CCB_2	03/30/06	13:15	1	.00724	0.007		
2603230197	03/30/06	13:21	1	36.857	37		
2603240118	03/30/06	13:25	1	21.560	22		
2603240118_Dil(10)	03/30/06	13:30	10	22.679	23		
2603240135	03/30/06	13:34	1	39.311	39		
2603240135MS	03/30/06	13:38	1	146.03	146	[106.720]	106%
2603240135MSD	03/30/06	13:43	1	136.54	137	[97.229]	97.2%
2603240135T	03/30/06	13:43	1		100.00	70 - 130	
2603240122	03/30/06	13:48	1	306.00	310		
2603240122_Dil(10)	03/30/06	13:54	10	312.64	310		
2603150120_Dil(10)	03/30/06	13:57	10	184.07	180		

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BA

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	103.44	103		
TEST CCB_3	03/30/06	14:46	1	.00240	0.002		
200.8_MBLANK	03/30/06	14:50	1	.08670	0.087		
200.8_LCS	03/30/06	14:52	1	95.892	95.9	85-115	95.8%
200.8_LCSD	03/30/06	14:54	1	97.232	97.2	85-115	97.2%
2603170065	03/30/06	15:00	1	20.427	20		
2603170065MS	03/30/06	15:03	1	113.03	113	[92.602]	92.6%
2603170065MSD	03/30/06	15:04	1	114.20	114	[93.780]	93.7%
2603170065T	03/30/06	15:04	1		100.00	70 - 130	
2603180007	03/30/06	15:16	1	330.07	330		
200.8_MRLCHK	03/30/06	15:21	1	2.3671	2.37		
TEST CCV_4	03/30/06	15:24	1	19.408	19.4		
TEST CCB_4	03/30/06	15:32	1	-.00581	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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TL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	103.14	103		
TEST ICB	03/30/06	09:59	1	.02192	0.022		
TEST MRL_CHK1	03/30/06	10:03	1	1.0333	1.03		
TEST MRL_Low	03/30/06	10:11	1	.20397	0.204		
TEST LINRTY	03/30/06	10:14	1	515.74	520		
MCV	03/30/06	10:23	1	100.65	101	90-110	100%
C_S Check	03/30/06	10:32	1	.01922	0.019		
ICPMS ICSA	03/30/06	10:46	1	.14662	0.147	[0.147]	.733 Q
ICPMS ICSAB	03/30/06	10:50	1	.16255	0.163	[0.163]	.812 Q
C.O.B.	03/30/06	11:01	1	.00109	0.001		
200.8_LCS	03/30/06	11:07	1	18.966	19	85-115	94.8%
200.8_LCSD	03/30/06	11:12	1	19.249	19.2	85-115	96.2%
2603090347	03/30/06	11:24	1	.02108	0.021		
2603100260	03/30/06	11:29	1	.00593	0.006		
2603140436	03/30/06	11:32	1	.10871	0.11		
2603140436_Dil(5)	03/30/06	11:37	5	.10623	0.11		
2603140472	03/30/06	11:41	1	.00289	0.003		
2603150119	03/30/06	11:44	1	.00187	0.002		
2603150119MS	03/30/06	11:47	1	19.073	19.1	[19.072]	95.3%
2603150120	03/30/06	11:52	1	.11864	0.12		
2603210144	03/30/06	11:59	1	.04566	0.046		
TEST CCV_1	03/30/06	12:05	1	19.639	19.6		
TEST CCB_1	03/30/06	12:15	1	.00322	0.003		
200.8_MRLCHK	03/30/06	12:18	1	1.0304	1.03		
2603210150	03/30/06	12:21	1	.03008	0.030		
2603210153	03/30/06	12:24	1	.18052	0.18		
2603210155	03/30/06	12:29	1	.05931	0.059		
2603210156	03/30/06	12:33	1	.03688	0.037		
2603220347	03/30/06	12:38	1	.04728	0.047		
2603220348	03/30/06	12:42	1	.01725	0.017		
2603220357	03/30/06	12:47	1	.00944	0.009		
2603220360	03/30/06	12:50	1	.03540	0.035		
2603230069	03/30/06	12:54	1	.02216	0.022		
TEST CCV_2	03/30/06	13:02	1	49.096	49.1		
TEST CCB_2	03/30/06	13:15	1	.00283	0.003		
2603230197	03/30/06	13:21	1	.10187	0.100		
2603240118	03/30/06	13:25	1	.00270	0.003		
2603240118_Dil(10)	03/30/06	13:30	10	.01014	0.010		
2603240135	03/30/06	13:34	1	.06423	0.064		
2603240135MS	03/30/06	13:38	1	21.595	21.6	[21.531]	107%
2603240135MSD	03/30/06	13:43	1	19.807	19.8	[19.743]	98.7%
2603240135T	03/30/06	13:43	1		20.00	70 - 130	
2603240122	03/30/06	13:48	1	.41312	0.41		
2603240122_Dil(10)	03/30/06	13:54	10	.44344	0.44		
2603150120_Dil(10)	03/30/06	13:57	10	.11813	0.12		

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TL

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	100.71	101		
TEST CCB_3	03/30/06	14:46	1	.00259	0.003		
200.8_MBLANK	03/30/06	14:50	1	.00082	0.001		
200.8_LCS	03/30/06	14:52	1	21.304	21.3	85-115	106%
200.8_LCSD	03/30/06	14:54	1	21.519	21.5	85-115	107%
2603170065	03/30/06	15:00	1	.01083	0.011		
2603170065MS	03/30/06	15:03	1	22.131	22.1	[22.121]	110%
2603170065MSD	03/30/06	15:04	1	22.545	22.5	[22.535]	112%
2603170065T	03/30/06	15:04	1		20.00	70 - 130	
2603180007	03/30/06	15:16	1	.00019	00		
200.8_MRLCHK	03/30/06	15:21	1	1.1131	1.11		
TEST CCV_4	03/30/06	15:24	1	21.302	21.3		
TEST CCB_4	03/30/06	15:32	1	-.00457	ND		
MBLANK	03/30/06	15:32	1	N/A	N/A		
LCS	03/30/06	15:38	1	N/A	N/A		
LCSD	03/30/06	15:39	1	N/A	N/A		
2603210141	03/30/06	15:52	1	N/A	N/A		
2603210141MS	03/30/06	15:57	1	N/A	N/A		
2603210141MSD	03/30/06	15:58	1	N/A	N/A		
2603170004	03/30/06	16:04	1	N/A	N/A		
2603150078	03/30/06	16:06	1	N/A	N/A		
2603150079	03/30/06	16:08	1	N/A	N/A		
2603150343	03/30/06	16:10	1	N/A	N/A		
2603230001	03/30/06	16:13	1	N/A	N/A		
2603210240	03/30/06	16:15	1	N/A	N/A		
2603210241	03/30/06	16:17	1	N/A	N/A		
TEST MRL_Low	03/30/06	16:20	1	N/A	N/A		
TEST CCV	03/30/06	16:23	1	N/A	N/A		
TEST CCB	03/30/06	16:27	1	N/A	N/A		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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PB

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST ICV	03/30/06	09:53	1	101.75	102		
TEST ICB	03/30/06	09:59	1	.01417	0.014		
TEST MRL_CHK1	03/30/06	10:03	1	.52764	0.528		
TEST MRL_Low	03/30/06	10:11	1	.10704	0.107		
TEST LINRTY	03/30/06	10:14	1	492.59	490		
MCV	03/30/06	10:23	1	99.336	99.3	90-110	99.3%
C_S Check	03/30/06	10:32	1	.09807	0.098		
ICPMS ICSA	03/30/06	10:46	1	.60151	0.602	[0.602]	3.00 Q
ICPMS ICSAB	03/30/06	10:50	1	.63571	0.636	[0.636]	3.17 Q
C.O.B.	03/30/06	11:01	1	.00658	0.007		
200.8_LCS	03/30/06	11:07	1	19.458	19.5	85-115	97.2%
200.8_LCSD	03/30/06	11:12	1	19.535	19.5	85-115	97.6%
2603090347	03/30/06	11:24	1	.16983	0.17		
2603100260	03/30/06	11:29	1	.10827	0.11		
2603140436	03/30/06	11:32	1	2.2697	2.3		
2603140436_Dil(5)	03/30/06	11:37	5	2.2123	2.2		
2603140472	03/30/06	11:41	1	.10403	0.100		
2603150119	03/30/06	11:44	1	.09244	0.092		
2603150119MS	03/30/06	11:47	1	19.443	19.4	[19.351]	96.7%
2603150120	03/30/06	11:52	1	38.865	39		
2603210144	03/30/06	11:59	1	2.3518	2.4		
TEST CCV_1	03/30/06	12:05	1	19.895	19.9		
TEST CCB_1	03/30/06	12:15	1	.00047	00		
200.8_MRLCHK	03/30/06	12:18	1	.51924	0.519		
2603210150	03/30/06	12:21	1	3.3094	3.3		
2603210153	03/30/06	12:24	1	21.511	22		
2603210155	03/30/06	12:29	1	2.2524	2.3		
2603210156	03/30/06	12:33	1	1.1799	1.2		
2603220347	03/30/06	12:38	1	2.0555	2.1		
2603220348	03/30/06	12:42	1	1.2393	1.2		
2603220357	03/30/06	12:47	1	.66959	0.67		
2603220360	03/30/06	12:50	1	.21764	0.22		
2603230069	03/30/06	12:54	1	.06875	0.069		
TEST CCV_2	03/30/06	13:02	1	49.858	49.9		
TEST CCB_2	03/30/06	13:15	1	.00088	0.001		
2603230197	03/30/06	13:21	1	.67234	0.67		
2603240118	03/30/06	13:25	1	1.7682	1.8		
2603240118_Dil(10)	03/30/06	13:30	10	1.7251	1.7		
2603240135	03/30/06	13:34	1	.26471	0.26		
2603240135MS	03/30/06	13:38	1	21.473	21.5	[21.209]	106%
2603240135MSD	03/30/06	13:43	1	19.725	19.7	[19.460]	97.3%
2603240135T	03/30/06	13:43	1		20.00	70 - 130	
2603240122	03/30/06	13:48	1	15.055	15		
2603240122_Dil(10)	03/30/06	13:54	10	15.565	16		
2603150120_Dil(10)	03/30/06	13:57	10	37.727	38		

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PB

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
TEST CCV_3	03/30/06	14:02	1	99.475	99.5		
TEST CCB_3	03/30/06	14:46	1	-.00105	ND		
200.8_MBLANK	03/30/06	14:50	1	.02901	0.029		
200.8_LCS	03/30/06	14:52	1	19.989	20	85-115	99.9%
200.8_LCSD	03/30/06	14:54	1	20.262	20.3	85-115	101%
2603170065	03/30/06	15:00	1	.05070	0.051		
2603170065MS	03/30/06	15:03	1	20.677	20.7	[20.626]	103%
2603170065MSD	03/30/06	15:04	1	20.865	20.9	[20.815]	104%
2603170065T	03/30/06	15:04	1		20.00	70 - 130	
2603180007	03/30/06	15:16	1	1.9627	2.0		
200.8_MRLCHK	03/30/06	15:21	1	.58414	0.584		
TEST CCV_4	03/30/06	15:24	1	19.812	19.8		
TEST CCB_4	03/30/06	15:32	1	.00080	0.001		
MBLANK	03/30/06	15:32	1	.00080	0.001		
LCS	03/30/06	15:38	1	20.789	20.8	85-115	103%
LCSD	03/30/06	15:39	1	21.555	21.6	85-115	107%
2603210141	03/30/06	15:52	1	.00922	0.009		
2603210141MS	03/30/06	15:57	1	21.262	21.3	[21.253]	106%
2603210141MSD	03/30/06	15:58	1	21.692	21.7	[21.683]	108%
2603210141T	03/30/06	15:58	1		20.00	70 - 130	
2603170004	03/30/06	16:04	1	.02759	0.028		
2603150078	03/30/06	16:06	1	.80702	0.81		
2603150079	03/30/06	16:08	1	.04621	0.046		
2603150343	03/30/06	16:10	1	-.00367	ND		
2603230001	03/30/06	16:13	1	-.00426	ND		
2603210240	03/30/06	16:15	1	4.5068	4.5		
2603210241	03/30/06	16:17	1	.28204	0.28		
TEST MRL_Low	03/30/06	16:20	1	.10028	0.1		
TEST CCV	03/30/06	16:23	1	53.570	53.6		
TEST CCB	03/30/06	16:27	1	.03689	0.037		
2603300001	03/30/06	16:31	1	N/A	N/A		
2603300001MS	03/30/06	16:34	1	N/A	N/A		
2603300002	03/30/06	16:39	1	N/A	N/A		
2603300003	03/30/06	16:41	1	N/A	N/A		
2603210258	03/30/06	16:44	1	N/A	N/A		
2603210259	03/30/06	16:47	1	N/A	N/A		
2603220209	03/30/06	16:50	1	N/A	N/A		
2603220211	03/30/06	16:53	1	N/A	N/A		
2603220223	03/30/06	16:55	1	N/A	N/A		
2603220224	03/30/06	16:57	1	N/A	N/A		
TEST CCV	03/30/06	17:00	1	N/A	N/A		
TEST CCB	03/30/06	17:04	1	N/A	N/A		
2603150120_Dil(100)	03/30/06	17:13	100				
				N/A	N/A		
2603210144_Dil(10)	03/30/06	17:17	10	N/A	N/A		
2603210150_Dil(10)	03/30/06	17:19	10	N/A	N/A		
2603210153_Dil(100)	03/30/06	17:20	100				
				N/A	N/A		
2603210155_Dil(10)	03/30/06	17:23	10	N/A	N/A		
2603210156_Dil(10)	03/30/06	17:24	10	N/A	N/A		

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Sample ID	Time	LI	BE	AL	C	S	V	CR	MN	CO	NI	CU
TEST ICV	09:53	N/A	99.0/100	101/100	N/A	N/A	99.5(250)	103(250)	104(250)	103(250)	101(250)	101(250)
TEST ICB	09:59	N/A	0.0294	0.0287	N/A	N/A	0.0185	0.0109	0.0170	0.0187	0.0203	0.0217
TEST MRL_CHK1	10:03	N/A	0.894/1	24.9/25	N/A	N/A	3.15/3	1.03/1	2.17/2	2.18/2	4.87/5	1.98/2
TEST MRL_Low	10:11	N/A	0.221(1)	5.03(25)	N/A	N/A	0.623(3)	0.184(1)	0.425(2)	0.443(2)	0.906(5)	0.389(2)
TEST LINRTY	10:14	N/A	500.1	489.1	N/A	N/A	518.7	500.5	510.0	512.6	491.2	487.2
MCV	10:23	N/A	38.1/40	101/100	N/A	N/A	98.9/100	97.0/100	102/100	100/100	96.7/100	100/100
C_S Check	10:32	N/A	0.0083	1.965	N/A	N/A	0.0730	-.0362	0.0221	0.0231	0.0154	-.0589
ICPMS ICSA	10:46	N/A	0.0865	%87255.8	N/A	N/A	%-2.2731	1.084	10.77	2.044	4.027	4.436
ICPMS ICSAB	10:50	N/A	0.1738	%88323.4	N/A	N/A	41.98	20.49	30.60	44.40	42.19	22.94
C.O.B.	11:01	N/A	0.0019	0.6416	N/A	N/A	-.0068	-.0222	0.0024	0.0018	0.0257	0.0469
200.8_LCS	11:07	N/A	4.86/5	187/200	N/A	N/A	105/100	94.0/100	48.3/50	101/100	47.4/50	93.5/100
200.8_LCSD	11:12	N/A	5.09/5	187/200	N/A	N/A	104/100	93.5/100	48.9/50	102/100	47.8/50	93.3/100
2603090347	11:24	N/A	0.0042	11.00	N/A	N/A	2.132	0.4155	3.728	0.2219	3.097	2.025
2603100260	11:29	N/A	0.0008	40.95	N/A	N/A	-.1184	0.5330	6.613	0.0628	0.2063	4.379
2603140436	11:32	N/A	0.1004	%1762.3	N/A	N/A	35.49	51.42	61.43	1.391	6.126	4.877
2603140436_Dil(5)	11:37	N/A	0.1241	%2026.8	N/A	N/A	36.63	51.24	62.37	1.368	5.723	4.705
2603140472	11:41	N/A	0.0142	9.005	N/A	N/A	-.2647	0.5246	4.068	0.0272	0.0813	0.3226
2603150119	11:44	N/A	-.0030	23.96	N/A	N/A	-.4073	0.6321	8.392	0.0437	0.1190	0.7927
2603150119MS	11:47	N/A	4.451	186.4	N/A	N/A	97.28	89.78	55.14	98.50	44.93	91.21
2603150120	11:52	N/A	0.4248	%10294.6	N/A	N/A	69.82	44.49	515.9	7.024	34.97	37.33
2603210144	11:59	N/A	0.1088	%1630.7	N/A	N/A	32.54	16.32	56.17	1.012	3.838	9.789
TEST CCV_1	12:05	N/A	19.3/20	19.3(100)	N/A	N/A	20.0(50)	18.5(50)	18.7(50)	20.5(10)	19.4(50)	18.8(50)
TEST CCB_1	12:15	N/A	0.0058	0.0933	N/A	N/A	0.0010	-.0120	0.0193	0.0034	-.0018	0.0331
200.8_MRLCHK	12:18	N/A	0.986/1	24.1/25	N/A	N/A	2.94/3	1.29/1	2.03/2	2.17/2	5.09/5	2.01/2
2603210150	12:21	N/A	0.0342	578.9	N/A	N/A	28.15	10.66	144.8	0.8209	3.174	7.400
2603210153	12:24	N/A	0.9921	%10434.1	N/A	N/A	38.12	28.91	468.9	4.648	14.46	50.11
2603210155	12:29	N/A	0.2154	%2880.6	N/A	N/A	33.47	17.27	53.43	1.384	5.057	4.252
2603210156	12:33	N/A	0.1198	%1488.1	N/A	N/A	29.93	14.53	26.36	0.7330	3.232	2.519
2603220347	12:38	N/A	0.1217	%1550.5	N/A	N/A	26.48	15.98	56.05	0.7980	4.519	6.971
2603220348	12:42	N/A	0.0286	615.8	N/A	N/A	28.34	30.88	24.86	0.4813	3.197	2.090
2603220357	12:47	N/A	0.0154	184.8	N/A	N/A	25.35	11.02	10.43	0.1796	1.702	1.075
2603220360	12:50	N/A	0.0191	116.3	N/A	N/A	27.47	40.64	4.617	0.2384	2.862	2.000
2603230069	12:54	N/A	0.0085	38.02	N/A	N/A	12.14	2.497	82.10	0.8099	5.982	2.619
TEST CCV_2	13:02	N/A	47.9(20)	53.4(100)	N/A	N/A	50.3/50	47.0/50	49.6/50	51.4(10)	48.7/50	48.8/50
TEST CCB_2	13:15	N/A	0.0097	0.0293	N/A	N/A	-.0160	-.0073	0.0224	0.0007	0.0036	0.0408
2603230197	13:21	N/A	0.0613	%1205.5	N/A	N/A	21.00	9.114	54.94	0.6265	3.354	1.876
2603240118	13:25	N/A	0.0148	78.09	N/A	N/A	%-5.8894	2.197	%3245.6	0.4703	2.666	1.764
2603240118_Dil(10)	13:30	N/A	0.0524	86.31	N/A	N/A	%-7.0693	0.8891	%3976.0	0.5381	3.085	2.629
2603240135	13:34	N/A	0.0154	250.8	N/A	N/A	14.28	23.28	83.68	0.8647	5.295	2.870
2603240135MS	13:38	N/A	4.259	450.2	N/A	N/A	107.2	105.5	128.4	85.44	45.29	87.80
2603240135MSD	13:43	N/A	4.231	449.1	N/A	N/A	108.5	106.3	126.1	85.31	46.62	85.05
2603240122	13:48	N/A	1.549	%21841.6	N/A	N/A	55.10	54.30	479.2	9.385	32.77	24.15
2603240122_Dil(10)	13:54	N/A	2.126	%30514.3	N/A	N/A	62.40	59.42	528.5	10.70	37.01	28.18
2603150120_Dil(10)	13:57	N/A	0.7811	%13917.4	N/A	N/A	73.40	45.04	527.7	6.551	36.34	41.03
TEST CCV_3	14:02	N/A	106(20)	105/100	N/A	N/A	106(50)	99.8(50)	102(50)	99.1(10)	98.0(50)	101(50)
TEST CCB_3	14:46	N/A	0.0059	0.0275	N/A	N/A	0.0106	-.0233	0.0208	0.0007	-.0042	0.0265
200.8_MBLANK	14:50	N/A	0.0089	3.133	N/A	N/A	-.4129	0.3114	0.0697	0.0042	0.0536	0.0630
200.8_LCS	14:52	N/A	4.98/5	197/200	N/A	N/A	98.9/100	93.3/100	47.8/50	94.9/100	47.6/50	98.2/100
200.8_LCSD	14:54	N/A	5.17/5	205/200	N/A	N/A	102/100	95.9/100	49.1/50	97.7/100	48.6/50	100/100

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Sample ID	Time	LI	BE	AL	C	S	V	CR	MN	CO	NI	CU
2603170065	15:00	N/A	-.0007	10.08	N/A	N/A	-.2058	0.8461	63.80	0.3261	1.747	0.2785
2603170065MS	15:03	N/A	4.628	199.0	N/A	N/A	96.90	87.93	107.2	95.57	47.14	90.07
2603170065MSD	15:04	N/A	5.178	204.6	N/A	N/A	96.20	88.65	110.3	97.78	48.07	92.04
2603180007	15:16	N/A	0.0446	50.60	N/A	N/A	1.720	1.553	240.9	0.4255	2.211	6.413
200.8_MRLCHK	15:21	N/A	1.08/1	30.9/25	N/A	N/A	2.64/3	1.35/1	2.17/2	2.13/2	5.17/5	2.21/2
TEST CCV_4	15:24	N/A	20.5/20	19.6(100)	N/A	N/A	19.3(50)	18.0(50)	18.5(50)	20.0(10)	18.9(50)	19.1(50)
TEST CCB_4	15:32	N/A	-.0051	-.0906	N/A	N/A	-.0133	-.0224	-.0598	-.0104	0.0032	-.0133
MBLANK	15:32	N/A	N/A	-.0906	N/A	N/A	N/A	-.0224	-.0598	N/A	N/A	-.0133
LCS	15:38	N/A	N/A	198/200	N/A	N/A	N/A	94.8/100	50.5/50	N/A	N/A	96.9/100
LCSD	15:39	N/A	N/A	199/200	N/A	N/A	N/A	97.6/100	51.0/50	N/A	N/A	98.9/100
2603210141	15:52	N/A	N/A	0.4281	N/A	N/A	N/A	0.0361	0.0256	N/A	N/A	-.0149
2603210141MS	15:57	N/A	N/A	195.3	N/A	N/A	N/A	96.07	50.40	N/A	N/A	97.94
2603210141MSD	15:58	N/A	N/A	200.5	N/A	N/A	N/A	96.52	51.00	N/A	N/A	98.45
2603170004	16:04	N/A	N/A	1.226	N/A	N/A	N/A	-.0375	38.08	N/A	N/A	0.1049
2603150078	16:06	N/A	N/A	50.69	N/A	N/A	N/A	0.1121	2.154	N/A	N/A	17.73
2603150079	16:08	N/A	N/A	14.37	N/A	N/A	N/A	0.0313	0.1114	N/A	N/A	1.119
2603150343	16:10	N/A	N/A	-.2587	N/A	N/A	N/A	-.1836	0.0092	N/A	N/A	-.0081
2603230001	16:13	N/A	N/A	-.2276	N/A	N/A	N/A	2.865	-.0019	N/A	N/A	0.0439
2603210240	16:15	N/A	N/A	1.701	N/A	N/A	N/A	2.645	0.0034	N/A	N/A	769.0
2603210241	16:17	N/A	N/A	42.89	N/A	N/A	N/A	0.6249	0.3540	N/A	N/A	18.97
TEST MRL_Low	16:20	N/A	N/A	4.82(25)	N/A	N/A	N/A	0.155(1)	0.381(2)	N/A	N/A	0.532(2)
TEST CCV	16:23	N/A	N/A	49.0(100)	N/A	N/A	N/A	49.9/50	50.4/50	N/A	N/A	50.1/50
TEST CCB	16:27	N/A	N/A	0.4699	N/A	N/A	N/A	-.0069	0.0835	N/A	N/A	0.0891
2603300001	16:31	N/A	N/A	-.5175	N/A	N/A	N/A	N/A	0.2773	N/A	N/A	0.0406
2603300001MS	16:34	N/A	N/A	197.3	N/A	N/A	N/A	N/A	48.79	N/A	N/A	94.67
2603300002	16:39	N/A	N/A	-.3246	N/A	N/A	N/A	N/A	0.0112	N/A	N/A	-.0345
2603300003	16:41	N/A	N/A	-.6218	N/A	N/A	N/A	N/A	-.0270	N/A	N/A	-.0449
2603210258	16:44	N/A	N/A	120.2	N/A	N/A	N/A	N/A	2.820	N/A	N/A	14.27
2603210259	16:47	N/A	N/A	2.077	N/A	N/A	N/A	N/A	0.0702	N/A	N/A	0.2907
2603220209	16:50	N/A	N/A	2.422	N/A	N/A	N/A	N/A	0.8849	N/A	N/A	12.46
2603220211	16:53	N/A	N/A	0.7280	N/A	N/A	N/A	N/A	0.0750	N/A	N/A	0.0940
2603220223	16:55	N/A	N/A	7.355	N/A	N/A	N/A	N/A	1.155	N/A	N/A	0.1271
2603220224	16:57	N/A	N/A	11.98	N/A	N/A	N/A	N/A	3.470	N/A	N/A	18.33
TEST CCV	17:00	N/A	N/A	19.9(100)	N/A	N/A	N/A	N/A	20.4(50)	N/A	N/A	19.6(50)
TEST CCB	17:04	N/A	N/A	-.0590	N/A	N/A	N/A	N/A	-.0112	N/A	N/A	-.0083
2603150120_Dil(100)	17:13	N/A	N/A	%12820.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210144_Dil(10)	17:17	N/A	N/A	%1793.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210150_Dil(10)	17:19	N/A	N/A	627.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210153_Dil(100)	17:20	N/A	N/A	%14704.9	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210155_Dil(10)	17:23	N/A	N/A	%2846.1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210156_Dil(10)	17:24	N/A	N/A	%1527.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603220347_Dil(10)	17:27	N/A	N/A	%1623.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603220348_Dil(10)	17:28	N/A	N/A	637.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603230197_Dil(10)	17:31	N/A	N/A	%1137.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603240122_Dil(100)	17:33	N/A	N/A	%30902.2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TEST CCV	17:36	N/A	N/A	47.7(100)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TEST CCB	17:38	N/A	N/A	1.623	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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Sample ID	Time	ZN	GE	AS	SE	MO	AG	CD	IN	SB	BA	TL
TEST ICV	09:53	100(250)	N/A	100(250)	99.2(250)	101	%100.0(250)	99.8(125)	N/A	100(250)	103(250)	103(250)
TEST ICB	09:59	0.0086	N/A	0.0001	0.0138	0.0603	0.0195	0.0141	N/A	0.0674	0.0184	0.0219
TEST MRL_CHK1	10:03	4.79/5	N/A	1.18/1	4.66/5	2.09/2	0.479/.5	0.521/.5	N/A	1.02/1	2.03/2	1.03/1
TEST MRL_Low	10:11	0.908(5)	N/A	0.266(1)	0.990(5)	0.425(2)	0.108(.5)	0.116(.5)	N/A	0.222(1)	0.408(2)	0.204(1)
TEST LINRTY	10:14	527.1	N/A	528.0	543.1	490.8	478.7	486.5	N/A	488.4	525.3	515.7
MCV	10:23	97.8/100	N/A	99.5/100	98.4/100	99.0	20.2	50.2/50	N/A	102/100	102/100	101/100
C_S Check	10:32	1.625	N/A	0.1082	0.2654	0.0505	0.0167	0.0230	N/A	0.1864	0.0292	0.0192
ICPMS ICSA	10:46	7.910	N/A	0.2979	0.3237	%1892.6	0.1434	6.410	N/A	1.160	0.8644	0.1466
ICPMS ICSAB	10:50	27.08	N/A	20.21	20.18	%1912.0	20.16	16.38	N/A	0.9988	0.9780	0.1626
C.O.B.	11:01	0.1116	N/A	-.0167	-.0266	0.0676	0.0006	0.0023	N/A	0.0069	0.0069	0.0011
200.8_LCS	11:07	96.3/100	N/A	18.8/20	19.7/20	94.7/100	50.2/50	20.3/20	N/A	51.5/50	106/100	19.0/20
200.8_LCSD	11:12	96.9/100	N/A	19.3/20	19.5/20	95.4/100	50.3/50	20.4/20	N/A	52.0/50	106/100	19.2/20
2603090347	11:24	5.080	N/A	2.396	2.559	6.093	0.0217	0.0273	N/A	0.4302	173.6	0.0211
2603100260	11:29	10.64	N/A	-.1068	-.0800	0.1897	0.0107	0.0079	N/A	0.0575	1.240	0.0059
2603140436	11:32	39.26	N/A	63.37	2.248	19.36	0.0548	0.1156	N/A	0.2566	74.69	0.1087
2603140436_Dil(5)	11:37	42.87	N/A	61.89	2.298	17.67	0.0537	0.1095	N/A	0.2764	76.48	0.1062
2603140472	11:41	3.379	N/A	-.2206	0.0308	0.0924	0.0076	0.0115	N/A	0.0401	0.6337	0.0029
2603150119	11:44	17.20	N/A	-.1106	-.0640	0.0711	0.0054	0.1002	N/A	0.0318	0.7702	0.0019
2603150119MS	11:47	111.2	N/A	18.96	18.61	95.39	49.39	20.19	N/A	52.39	104.3	19.07
2603150120	11:52	%3471.0	N/A	64.78	3.574	4.378	0.1071	0.8847	N/A	0.2921	193.7	0.1186
2603210144	11:59	57.97	N/A	73.29	3.689	13.14	0.0376	0.1593	N/A	0.2017	75.20	0.0457
TEST CCV_1	12:05	19.2(50)	N/A	19.8(50)	19.0(50)	20.6	20.8	20.4(25)	N/A	20.9(50)	21.1(50)	19.6(50)
TEST CCB_1	12:15	0.0543	N/A	0.0010	-.0591	0.0183	0.0013	0.0019	N/A	0.0116	0.0099	0.0032
200.8_MRLCHK	12:18	7.22/5	N/A	1.09/1	5.00/5	2.17/2	0.537/.5	0.547/.5	N/A	1.16/1	2.32/2	1.03/1
2603210150	12:21	58.20	N/A	43.62	4.756	5.298	0.0201	0.2871	N/A	0.2119	51.22	0.0301
2603210153	12:24	76.79	N/A	123.6	6.236	42.21	0.0961	0.6507	N/A	1.140	266.5	0.1805
2603210155	12:29	74.69	N/A	74.83	3.730	12.85	0.0441	0.0893	N/A	0.1651	85.02	0.0593
2603210156	12:33	41.36	N/A	74.25	3.150	13.30	0.0270	0.0690	N/A	0.1403	57.82	0.0369
2603220347	12:38	10.76	N/A	115.9	6.854	49.20	0.0249	0.2119	N/A	0.5405	50.22	0.0473
2603220348	12:42	43.10	N/A	49.89	3.064	5.164	0.0238	0.0447	N/A	0.0836	37.73	0.0173
2603220357	12:47	52.28	N/A	39.18	2.849	5.227	0.0075	0.0339	N/A	0.0771	28.77	0.0094
2603220360	12:50	5.019	N/A	63.19	2.145	21.45	0.0080	0.0666	N/A	0.1292	52.72	0.0354
2603230069	12:54	1.966	N/A	155.3	3.579	17.89	0.0108	0.0680	N/A	0.1074	37.35	0.0222
TEST CCV_2	13:02	50.4/50	N/A	51.9/50	49.3/50	52.3	52.7	51.8(25)	N/A	51.5/50	52.6/50	49.1/50
TEST CCB_2	13:15	0.0182	N/A	-.0011	-.0097	0.0149	-.0005	0.0025	N/A	0.0139	0.0072	0.0028
2603230197	13:21	10.48	N/A	35.92	2.834	13.48	0.0210	0.0589	N/A	0.2536	36.86	0.1019
2603240118	13:25	291.3	N/A	3.522	1.906	1.537	0.0404	0.1309	N/A	0.1108	21.56	0.0027
2603240118_Dil(10)	13:30	376.2	N/A	4.258	1.659	1.550	0.0163	0.1340	N/A	0.1004	22.68	0.0101
2603240135	13:34	2.859	N/A	87.64	5.219	124.5	0.0133	0.3759	N/A	0.2029	39.31	0.0642
2603240135MS	13:38	97.17	N/A	109.9	27.81	244.1	47.91	21.33	N/A	53.33	146.0	21.60
2603240135MSD	13:43	92.97	N/A	109.7	27.99	229.4	44.58	19.96	N/A	47.52	136.5	19.81
2603240122	13:48	104.2	N/A	58.40	2.598	13.15	0.1266	0.2630	N/A	0.2174	306.0	0.4131
2603240122_Dil(10)	13:54	133.3	N/A	61.86	2.806	11.31	0.0816	0.2968	N/A	0.2110	312.6	0.4434
2603150120_Dil(10)	13:57	%4029.0	N/A	58.83	3.429	3.354	0.0570	0.9027	N/A	0.1798	184.1	0.1181
TEST CCV_3	14:02	105(50)	N/A	97.0(50)	99.8(50)	108	106	106(25)	N/A	94.6(50)	103(50)	101(50)
TEST CCB_3	14:46	0.0174	N/A	0.0052	-.0258	0.0095	-.0008	0.0029	N/A	0.0040	0.0024	0.0026
200.8_MBLANK	14:50	3.002	N/A	-.1519	0.1012	0.0158	0.0123	0.0018	N/A	0.0560	0.0867	0.0008
200.8_LCS	14:52	106/100	N/A	20.5/20	20.3/20	100/100	51.8/50	20.7/20	N/A	46.5/50	95.9/100	21.3/20
200.8_LCSD	14:54	107/100	N/A	20.8/20	20.7/20	101/100	52.5/50	20.9/20	N/A	46.7/50	97.2/100	21.5/20

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Sample ID	Time	ZN	GE	AS	SE	MO	AG	CD	IN	SB	BA	TL
2603170065	15:00	3.529	N/A	4.629	14.35	0.3689	0.0147	0.0039	N/A	0.0680	20.43	0.0108
2603170065MS	15:03	99.92	N/A	26.51	35.63	105.9	48.15	20.42	N/A	48.47	113.0	22.13
2603170065MSD	15:04	100.5	N/A	27.02	36.05	106.4	48.54	20.52	N/A	48.58	114.2	22.55
2603180007	15:16	9.644	N/A	0.2039	0.7305	0.1436	0.0254	0.0176	N/A	0.0821	330.1	0.0002
200.8_MRLCHK	15:21	7.29/5	N/A	0.990/1	4.92/5	2.11/2	0.522/.5	0.539/.5	N/A	1.02/1	2.37/2	1.11/1
TEST CCV_4	15:24	19.6(50)	N/A	20.5(50)	19.5(50)	20.3	20.5	20.0(25)	N/A	19.6(50)	19.4(50)	21.3(50)
TEST CCB_4	15:32	-.0154	N/A	-.0340	-.0983	-.0724	-.0043	0.0014	N/A	0.0049	-.0058	-.0046
MBLANK	15:32	-.0154	N/A	N/A	N/A	-.0724	N/A	N/A	N/A	0.0049	N/A	N/A
LCS	15:38	96.0/100	N/A	N/A	N/A	96.8/100	N/A	N/A	N/A	49.9/50	N/A	N/A
LCSD	15:39	98.0/100	N/A	N/A	N/A	98.3/100	N/A	N/A	N/A	51.1/50	N/A	N/A
2603210141	15:52	0.1909	N/A	N/A	N/A	2.736	N/A	N/A	N/A	0.0524	N/A	N/A
2603210141MS	15:57	99.33	N/A	N/A	N/A	100.4	N/A	N/A	N/A	51.13	N/A	N/A
2603210141MSD	15:58	101.2	N/A	N/A	N/A	102.0	N/A	N/A	N/A	51.95	N/A	N/A
2603170004	16:04	0.5263	N/A	N/A	N/A	1.033	N/A	N/A	N/A	0.0302	N/A	N/A
2603150078	16:06	20.36	N/A	N/A	N/A	0.4832	N/A	N/A	N/A	0.0547	N/A	N/A
2603150079	16:08	3.066	N/A	N/A	N/A	0.1635	N/A	N/A	N/A	0.0283	N/A	N/A
2603150343	16:10	-.0149	N/A	N/A	N/A	0.0367	N/A	N/A	N/A	0.2137	N/A	N/A
2603230001	16:13	0.0037	N/A	N/A	N/A	0.9331	N/A	N/A	N/A	0.2951	N/A	N/A
2603210240	16:15	10.39	N/A	N/A	N/A	0.0079	N/A	N/A	N/A	0.0302	N/A	N/A
2603210241	16:17	0.8071	N/A	N/A	N/A	0.8159	N/A	N/A	N/A	0.1000	N/A	N/A
TEST MRL_Low	16:20	0.887(5)	N/A	N/A	N/A	0.418(2)	N/A	N/A	N/A	0.206(1)	N/A	N/A
TEST CCV	16:23	50.6/50	N/A	N/A	N/A	51.4	N/A	N/A	N/A	52.7/50	N/A	N/A
TEST CCB	16:27	0.0702	N/A	N/A	N/A	0.1989	N/A	N/A	N/A	0.2051	N/A	N/A
2603300001	16:31	1.406	N/A	N/A	N/A	0.2112	N/A	N/A	N/A	0.2147	N/A	N/A
2603300001MS	16:34	98.74	N/A	N/A	N/A	96.20	N/A	N/A	N/A	50.13	N/A	N/A
2603300002	16:39	-.0470	N/A	N/A	N/A	0.0624	N/A	N/A	N/A	0.1727	N/A	N/A
2603300003	16:41	-.0493	N/A	N/A	N/A	0.0009	N/A	N/A	N/A	0.0734	N/A	N/A
2603210258	16:44	0.2663	N/A	N/A	N/A	4.652	N/A	N/A	N/A	0.7277	N/A	N/A
2603210259	16:47	0.2512	N/A	N/A	N/A	0.2038	N/A	N/A	N/A	0.0120	N/A	N/A
2603220209	16:50	4.545	N/A	N/A	N/A	3.963	N/A	N/A	N/A	0.0083	N/A	N/A
2603220211	16:53	0.4870	N/A	N/A	N/A	0.4297	N/A	N/A	N/A	-.0289	N/A	N/A
2603220223	16:55	0.6270	N/A	N/A	N/A	-.0145	N/A	N/A	N/A	-.0223	N/A	N/A
2603220224	16:57	18.02	N/A	N/A	N/A	0.2055	N/A	N/A	N/A	0.0017	N/A	N/A
TEST CCV	17:00	19.4(50)	N/A	N/A	N/A	20.4	N/A	N/A	N/A	19.8(50)	N/A	N/A
TEST CCB	17:04	-.0172	N/A	N/A	N/A	-.0173	N/A	N/A	N/A	-.0184	N/A	N/A
2603150120_Dil(100)	17:13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210144_Dil(10)	17:17	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210150_Dil(10)	17:19	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210153_Dil(100)	17:20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210155_Dil(10)	17:23	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603210156_Dil(10)	17:24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603220347_Dil(10)	17:27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603220348_Dil(10)	17:28	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603230197_Dil(10)	17:31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2603240122_Dil(100)	17:33	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TEST CCV	17:36	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TEST CCB	17:38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Sample ID	Time	PB	BI
TEST ICV	09:53	102(250)	N/A
TEST ICB	09:59	0.0142	N/A
TEST MRL_CHK1	10:03	0.528/.5	N/A
TEST MRL_Low	10:11	0.107(.5)	N/A
TEST LINRTY	10:14	492.6	N/A
MCV	10:23	99.3/100	N/A
C_S Check	10:32	0.0981	N/A
ICPMS ICSA	10:46	0.6015	N/A
ICPMS ICSAB	10:50	0.6357	N/A
C.O.B.	11:01	0.0066	N/A
200.8_LCS	11:07	19.5/20	N/A
200.8_LCSD	11:12	19.5/20	N/A
2603090347	11:24	0.1698	N/A
2603100260	11:29	0.1083	N/A
2603140436	11:32	2.270	N/A
2603140436_Dil(5)	11:37	2.212	N/A
2603140472	11:41	0.1040	N/A
2603150119	11:44	0.0924	N/A
2603150119MS	11:47	19.44	N/A
2603150120	11:52	38.87	N/A
2603210144	11:59	2.352	N/A
TEST CCV_1	12:05	19.9(50)	N/A
TEST CCB_1	12:15	0.0005	N/A
200.8_MRLCHK	12:18	0.519/.5	N/A
2603210150	12:21	3.309	N/A
2603210153	12:24	21.51	N/A
2603210155	12:29	2.252	N/A
2603210156	12:33	1.180	N/A
2603220347	12:38	2.056	N/A
2603220348	12:42	1.239	N/A
2603220357	12:47	0.6696	N/A
2603220360	12:50	0.2176	N/A
2603230069	12:54	0.0688	N/A
TEST CCV_2	13:02	49.9/50	N/A
TEST CCB_2	13:15	0.0009	N/A
2603230197	13:21	0.6723	N/A
2603240118	13:25	1.768	N/A
2603240118_Dil(10)	13:30	1.725	N/A
2603240135	13:34	0.2647	N/A
2603240135MS	13:38	21.47	N/A
2603240135MSD	13:43	19.73	N/A
2603240122	13:48	15.06	N/A
2603240122_Dil(10)	13:54	15.57	N/A
2603150120_Dil(10)	13:57	37.73	N/A
TEST CCV_3	14:02	99.5(50)	N/A
TEST CCB_3	14:46	-.0011	N/A
200.8_MBLANK	14:50	0.0290	N/A
200.8_LCS	14:52	20.0/20	N/A
200.8_LCSD	14:54	20.3/20	N/A

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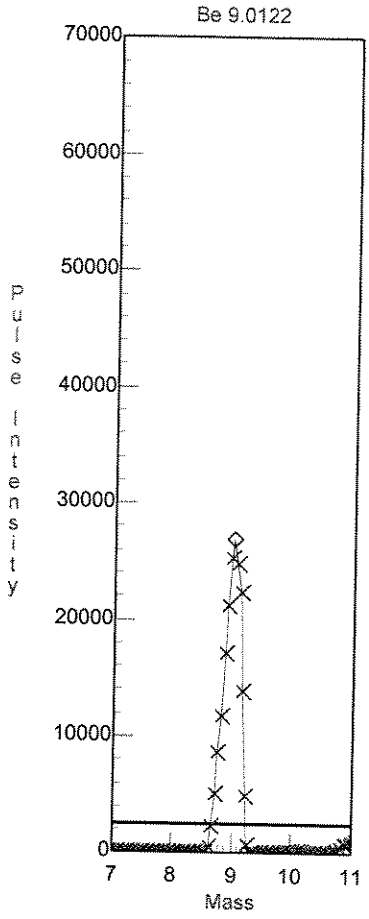
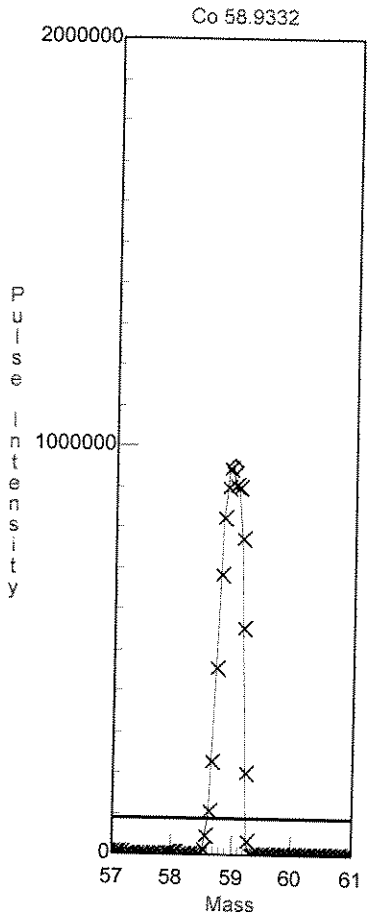
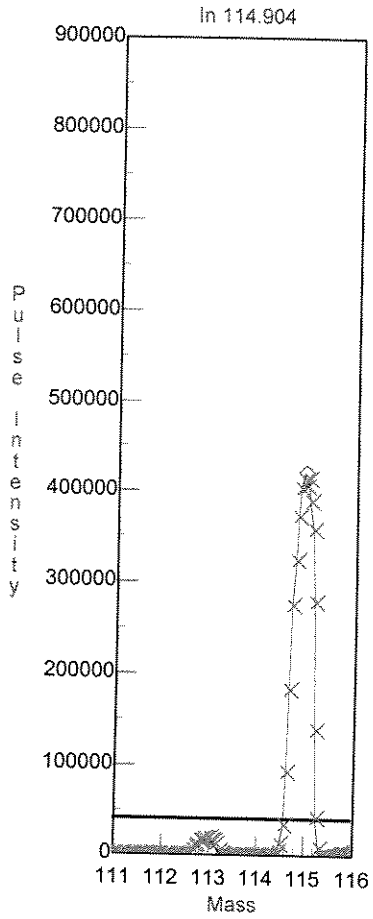
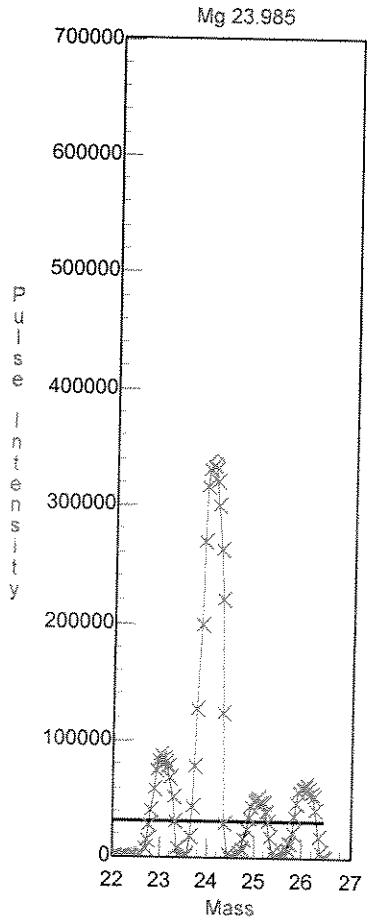
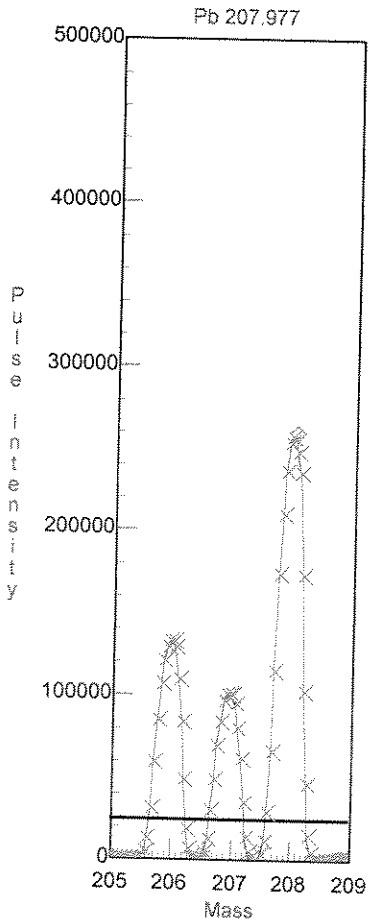
Sample ID	Time	PB	BI
2603170065	15:00	0.0507	N/A
2603170065MS	15:03	20.68	N/A
2603170065MSD	15:04	20.87	N/A
2603180007	15:16	1.963	N/A
200.8_MRLCHK	15:21	0.584/.5	N/A
TEST CCV_4	15:24	19.8(50)	N/A
TEST CCB_4	15:32	0.0008	N/A
MBLANK	15:32	0.0008	N/A
LCS	15:38	20.8/20	N/A
LCSD	15:39	21.6/20	N/A
2603210141	15:52	0.0092	N/A
2603210141MS	15:57	21.26	N/A
2603210141MSD	15:58	21.69	N/A
2603170004	16:04	0.0276	N/A
2603150078	16:06	0.8070	N/A
2603150079	16:08	0.0462	N/A
2603150343	16:10	-.0037	N/A
2603230001	16:13	-.0043	N/A
2603210240	16:15	4.507	N/A
2603210241	16:17	0.2820	N/A
TEST MRL_Low	16:20	0.100(.5)	N/A
TEST CCV	16:23	53.6/50	N/A
TEST CCB	16:27	0.0369	N/A
2603300001	16:31	N/A	N/A
2603300001MS	16:34	N/A	N/A
2603300002	16:39	N/A	N/A
2603300003	16:41	N/A	N/A
2603210258	16:44	N/A	N/A
2603210259	16:47	N/A	N/A
2603220209	16:50	N/A	N/A
2603220211	16:53	N/A	N/A
2603220223	16:55	N/A	N/A
2603220224	16:57	N/A	N/A
TEST CCV	17:00	N/A	N/A
TEST CCB	17:04	N/A	N/A
2603150120_Dil(100)	17:13	N/A	N/A
2603210144_Dil(10)	17:17	N/A	N/A
2603210150_Dil(10)	17:19	N/A	N/A
2603210153_Dil(100)	17:20	N/A	N/A
2603210155_Dil(10)	17:23	N/A	N/A
2603210156_Dil(10)	17:24	N/A	N/A
2603220347_Dil(10)	17:27	N/A	N/A
2603220348_Dil(10)	17:28	N/A	N/A
2603230197_Dil(10)	17:31	N/A	N/A
2603240122_Dil(100)	17:33	N/A	N/A
TEST CCV	17:36	N/A	N/A
TEST CCB	17:38	N/A	N/A


Be 9.0122
70000
60000
50000
40000
30000
20000
10000
0
Pulse intensity
7
8
9
10
11
Mass


Co 58.9332
2000000
1000000
0
Pulse intensity
57
58
59
60
61
Mass


In 114.904
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
Pulse intensity
111
112
113
114
115
116
Mass


Mg 23.985
700000
600000
500000
400000
300000
200000
100000
0
Pulse intensity
22
23
24
25
26
27
Mass


Pb 207.977
500000
400000
300000
200000
100000
0
Pulse intensity
205
206
207
208
209
Mass

Daily Performance Report

Sample ID: 1.0 ppb Standard
Sample Date/Time: Thursday, March 30, 2006 08:00:01
Sample Description: Daily Preformance Check
Method File: C:\elandata\Method\Daily1 Performance.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35

Number of Replicates: 5

Analyzed
J. B. S.
3/30/2006

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	9161.3	9161.337	76.615	0.8
	In	114.9	36330.1	36330.069	259.699	0.7
	Pb	208.0	22336.7	22336.651	305.461	1.4
>	Ce	139.9	36720.3	36720.335	288.268	0.8
	CeO	155.9	1016.0	0.028	0.000	1.7
>	Ba	137.9	31512.6	31512.557	155.531	0.5
	Ba++	69.0	862.3	0.027	0.000	1.6
	220	220.0	1.4	1.400	0.224	16.0
	8.5	8.5	1.6	1.600	1.084	67.7

Opt File-Man Adjust Sec

C Val	Description
0.90	Nebulizer Gas Flow [NEB]
1.60	Auxiliary Gas Flow
18.00	Plasma Gas Flow
8.20	Lens Voltage
1200.00	ICP RF Power
-1812.50	Analog Stage Voltage
1150.00	Pulse Stage Voltage
-1.00	Quadrupole Rod Offset Std [QRO]
-9.00	Cell Rod Offset Std [CRO]
70.00	Discriminator Threshold
-21.00	Cell Path Voltage Std [CPV]
0.00	RPa
0.25	RPq
0.88	DRC Mode NEB
-6.00	DRC Mode QRO
-2.00	DRC Mode CRO
-25.00	DRC Mode CPV
0.00	Cell Gas A
0.00	Cell Gas B

Replicates

Analyte	Meas. Intensity
Mg	9165.940
In	36123.673
Pb	22169.188
Ce	36723.140
CeO	1018.202
Ba	31585.325
Ba++	854.526
220	1.500

8.5	1.000
Analyte	Meas. Intensity
Mg	9105.901
In	36731.178
Pb	22283.366
Ce	36918.643
CeO	997.900
Ba	31728.065
Ba++	852.025
220	1.500
8.5	3.000
Analyte	Meas. Intensity
Mg	9068.878
In	36131.390
Pb	22761.118
Ce	36919.646
CeO	1030.453
Ba	31399.332
Ba++	862.026
220	1.500
8.5	2.500
Analyte	Meas. Intensity
Mg	9204.965
In	36216.285
Pb	21968.879
Ce	36225.873
CeO	1023.102
Ba	31333.163
Ba++	862.026
220	1.000
8.5	1.000
Analyte	Meas. Intensity
Mg	9261.001
In	36447.820
Pb	22500.706
Ce	36814.374
CeO	1010.151
Ba	31516.900
Ba++	881.027
220	1.500
8.5	0.500

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Thursday, March 30, 2006 09:32:08
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6		67077	3.5				ug/L
	Be	9		1	86.6				ug/L
	Al	27		16109	8.8				ug/L
	C	13		2396	4.6				mg/L
	S	34		451188	0.8				mg/L
	V	51		2491	11.2				ug/L
	Cr	52		11737	0.4				ug/L
	Mn	55		1486	4.6				ug/L
	Co	59		108	27.0				ug/L
	Ni	60		248	8.4				ug/L
	Cu	65		117	34.7				ug/L
	Zn	66		32	114.6				ug/L
>	**Ge**	73		75003	0.9				ug/L
	As	75		170	34.1				ug/L
	Se	82		47	37.7				ug/L
	Mo	98		46	11.3				ug/L
	Ag	107		81	7.3				ug/L
	Cd	111		6	31.5				ug/L
	Cd	114		28	18.5				ug/L
>	**In**	115		303952	0.2				ug/L
	Sb	121		90	14.8				ug/L
	Ba	138		512	3.8				ug/L
	Tl	205		32	19.0				ug/L
	Pb	208		726	6.3				ug/L
>	**Bi**	209		284732	1.1				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Thursday, March 30, 2006 09:37:51
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	68064	5.1				ug/L
	Be	9	1	336	6.7	**1.0000**	0.1146	11.5	ug/L
	Al	27	16109	345605	2.4	**25.0000**	1.8860	7.5	ug/L
	C	13	2396	2432	4.1				mg/L
	S	34	451188	455528	0.8				mg/L
	V	51	2491	64519	0.7	**3.0000**	0.0302	1.0	ug/L
	Cr	52	11737	30569	0.9	**1.0000**	0.0192	1.9	ug/L
	Mn	55	1486	59089	1.9	**2.0000**	0.0229	1.1	ug/L
	Co	59	108	43072	1.6	**2.0000**	0.0215	1.1	ug/L
	Ni	60	248	23665	1.9	**5.0000**	0.0596	1.2	ug/L
	Cu	65	117	10400	0.6	**2.0000**	0.0139	0.7	ug/L
	Zn	66	32	14693	2.1	**5.0000**	0.0663	1.3	ug/L
>	**Ge**	73	75003	74345	0.8				ug/L
	As	75	170	3984	5.6	**1.0000**	0.0506	5.1	ug/L
	Se	82	47	1813	4.5	**5.0000**	0.1922	3.8	ug/L
	Mo	98	46	22710	2.6	**2.0000**	0.0337	1.7	ug/L
	Ag	107	81	5060	2.6	**0.5000**	0.0086	1.7	ug/L
	Cd	111	6	2349	5.5	**0.5000**	0.0249	5.0	ug/L
	Cd	114	28	5248	3.6	**0.5000**	0.0142	2.8	ug/L
>	**In**	115	303952	304678	1.0				ug/L
	Sb	121	90	14346	3.5	**1.0000**	0.0262	2.6	ug/L
	Ba	138	512	92363	2.8	**2.0000**	0.0393	2.0	ug/L
	Tl	205	32	41514	3.2	**1.0000**	0.0274	2.7	ug/L
	Pb	208	726	30651	2.2	**0.5000**	0.0087	1.7	ug/L
>	**Bi**	209	284732	288183	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Thursday, March 30, 2006 09:42:25
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	68894	4.3				ug/L
|	**Be**	9	1	37319	0.7	**100.0009**	4.9166	4.9	ug/L
|	**Al**	27	16109	1402194	3.5	**100.2216**	7.6918	7.7	ug/L
	C	13	2396	2442	5.1				mg/L
	S	34	451188	472912	2.2				mg/L
[	**V**	51	2491	1900495	3.0	**99.9929**	2.7661	2.8	ug/L
|	**Cr**	52	11737	1873528	2.7	**99.9999**	2.4260	2.4	ug/L
|	**Mn**	55	1486	2676602	2.3	**99.9974**	2.1312	2.1	ug/L
|	**Co**	59	108	1993834	3.1	**99.9973**	3.0317	3.0	ug/L
|	**Ni**	60	248	489344	2.8	**100.0131**	2.7682	2.8	ug/L
|	**Cu**	65	117	533441	2.7	**100.0018**	2.6158	2.6	ug/L
|	**Zn**	66	32	310056	2.5	**100.0160**	2.3222	2.3	ug/L
|>	**Ge**	73	75003	73572	0.3				ug/L
|	**As**	75	170	345758	2.6	**99.9991**	2.4092	2.4	ug/L
[	**Se**	82	47	37890	2.3	**100.0191**	2.0786	2.1	ug/L
[	**Mo**	98	46	1160811	2.5	**100.0000**	2.2326	2.2	ug/L
|	**Ag**	107	81	1909951	2.2	**100.0012**	2.1250	2.1	ug/L
|	**Cd**	111	6	477018	2.1	**100.0000**	1.8082	1.8	ug/L
|	**Cd**	114	28	1050091	2.0	**100.0000**	1.7070	1.7	ug/L
|>	**In**	115	303952	311956	0.8				ug/L
|	**Sb**	121	90	1383871	2.0	**99.9995**	1.8314	1.8	ug/L
[	**Ba**	138	512	4180359	2.5	**99.9950**	2.3399	2.3	ug/L
[	**Tl**	205	32	3451317	2.0	**99.9976**	1.8339	1.8	ug/L
|	**Pb**	208	726	5511235	2.1	**99.9997**	1.4361	1.4	ug/L
[>	**Bi**	209	284732	298162	2.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

Method 200.8 - Summary Report

Sample ID: Standard 3

Sample Date/Time: Thursday, March 30, 2006 09:47:55
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	67077	65202	4.7				ug/L
|	**Be**	9	1	89796	1.3	**250.5885**	13.9983	5.6	ug/L
└	**Al**	27	16109	3082058	2.3	**247.5877**	15.8405	6.4	ug/L
	C	13	2396	3739	1.8				mg/L
	S	34	451188	425370	1.7				mg/L
⌈	**V**	51	2491	4471834	3.2	**252.0714**	7.3089	2.9	ug/L
|	**Cr**	52	11737	4096130	2.1	**249.6845**	4.5816	1.8	ug/L
|	**Mn**	55	1486	6423022	2.8	**252.7016**	6.6983	2.7	ug/L
|	**Co**	59	108	4741204	3.2	**252.3928**	7.3998	2.9	ug/L
|	**Ni**	60	248	1147133	1.6	**251.9420**	3.6121	1.4	ug/L
|	**Cu**	65	117	1250866	1.3	**251.9379**	2.5990	1.0	ug/L
|	**Zn**	66	32	745347	2.3	**252.7597**	5.0428	2.0	ug/L
|>	**Ge**	73	75003	65170	0.4				ug/L
|	**As**	75	170	834538	1.4	**252.8885**	2.6908	1.1	ug/L
└	**Se**	82	47	91347	1.0	**252.8796**	2.4813	1.0	ug/L
⌈	**Mo**	98	46	2534130	2.1	**247.2480**	7.2496	2.9	ug/L
|	**Ag**	107	81	4334814	3.0	**248.6477**	9.5514	3.8	ug/L
|	**Cd**	111	6	1143238	2.0	**250.5395**	7.1101	2.8	ug/L
|	**Cd**	114	28	2243560	2.4	**246.4577**	7.9590	3.2	ug/L
|>	**In**	115	303952	294444	0.8				ug/L
|	**Sb**	121	90	3063855	2.8	**247.7597**	9.0628	3.7	ug/L
└	**Ba**	138	512	10378609	1.6	**251.7270**	6.2159	2.5	ug/L
⌈	**Tl**	205	32	8354482	2.4	**251.0452**	4.6418	1.8	ug/L
|	**Pb**	208	726	12246272	3.0	**248.0713**	6.0493	2.4	ug/L
└>	**Bi**	209	284732	279933	0.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

Method 200.8 - Summary Report

Sample ID: TEST ICV

Sample Date/Time: Thursday, March 30, 2006 09:53:35
Sample Type: Sample
Sample Description: Calibration Verif. (100 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST ICV.001
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	67895	5.2				ug/L
|	**Be**	9	1	36954	1.7	**98.9924**	3.8214	3.9	ug/L
|	**Al**	27	16109	1395403	0.3	**101.1782**	5.2643	5.2	ug/L
	C	13	2396	2394	1.9				mg/L
	S	34	451188	463552	3.0				mg/L
[	**V**	51	2491	1974835	1.2	**99.5341**	1.0505	1.1	ug/L
|	**Cr**	52	11737	1886906	0.6	**102.5517**	1.0686	1.0	ug/L
|	**Mn**	55	1486	2742952	0.7	**103.5195**	1.1494	1.1	ug/L
|	**Co**	59	108	2038202	0.5	**103.2632**	1.4585	1.4	ug/L
|	**Ni**	60	248	491505	0.8	**101.4795**	1.7356	1.7	ug/L
|	**Cu**	65	117	535073	0.3	**101.3284**	1.3669	1.3	ug/L
|	**Zn**	66	32	307534	0.1	**100.2116**	1.1103	1.1	ug/L
|>	**Ge**	73	75003	72839	1.0				ug/L
|	**As**	75	170	343557	0.6	**100.3713**	0.7875	0.8	ug/L
[	**Se**	82	47	37188	1.2	**99.1605**	1.0006	1.0	ug/L
[	**Mo**	98	46	1162841	1.3	**101.0130**	2.3349	2.3	ug/L
|	**Ag**	107	81	1893827	0.3	**99.9793**	1.5835	1.6	ug/L
|	**Cd**	111	6	470029	0.4	**98.0160**	1.6902	1.7	ug/L
|	**Cd**	114	28	1039764	0.9	**99.8428**	2.0160	2.0	ug/L
|>	**In**	115	303952	309431	1.3				ug/L
|	**Sb**	121	90	1374610	0.8	**100.1591**	2.0847	2.1	ug/L
[	**Ba**	138	512	4280904	0.8	**103.2413**	0.5555	0.5	ug/L
[	**Tl**	205	32	3530656	0.5	**103.1499**	1.3816	1.3	ug/L
|	**Pb**	208	726	5561393	0.6	**101.7573**	1.4049	1.4	ug/L
[>	**Bi**	209	284732	295686	0.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	101.219
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	97.115
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	101.803
Sb	
Ba	
Tl	
Pb	
Bi	103.847

Method 200.8 - Summary Report

Sample ID: TEST ICB

Sample Date/Time: Thursday, March 30, 2006 09:59:53
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST ICB.002
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	69169	5.9				ug/L
	Be	9	1	12	43.8	**0.0294**	0.0152	51.9	ug/L
	Al	27	16109	17020	7.3	**0.0287**	0.0171	59.6	ug/L
	C	13	2396	2457	0.8				mg/L
	S	34	451188	465082	1.3				mg/L
	V	51	2491	2939	14.5	**0.0185**	0.0235	126.7	ug/L
	Cr	52	11737	12265	3.0	**0.0109**	0.0176	160.9	ug/L
	Mn	55	1486	2002	2.3	**0.0170**	0.0004	2.1	ug/L
	Co	59	108	501	13.6	**0.0187**	0.0029	15.7	ug/L
	Ni	60	248	359	2.7	**0.0203**	0.0004	1.8	ug/L
	Cu	65	117	241	11.9	**0.0217**	0.0049	22.7	ug/L
	Zn	66	32	61	84.1	**0.0086**	0.0153	177.7	ug/L
>	**Ge**	73	75003	77031	2.5				ug/L
	As	75	170	176	41.4	**0.0001**	0.0197	18857.3	ug/L
	Se	82	47	54	16.5	**0.0138**	0.0245	177.1	ug/L
	Mo	98	46	743	4.8	**0.0603**	0.0026	4.3	ug/L
	Ag	107	81	452	16.5	**0.0195**	0.0035	17.7	ug/L
	Cd	111	6	61	19.7	**0.0114**	0.0022	19.7	ug/L
	Cd	114	28	175	10.8	**0.0141**	0.0017	12.0	ug/L
>	**In**	115	303952	309922	1.9				ug/L
	Sb	121	90	1018	1.6	**0.0674**	0.0019	2.8	ug/L
	Ba	138	512	1286	11.7	**0.0184**	0.0030	16.5	ug/L
	Tl	205	32	785	16.7	**0.0219**	0.0035	15.9	ug/L
	Pb	208	726	1530	10.5	**0.0142**	0.0026	18.7	ug/L
>	**Bi**	209	284732	295925	2.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	103.119
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	102.705
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	101.964
Sb	
Ba	
Tl	
Pb	
Bi	103.931

Method 200.8 - Summary Report

Sample ID: TEST MRL_CHK1

Sample Date/Time: Thursday, March 30, 2006 10:03:16
Sample Type: Sample
Sample Description: Calibration Check (ME0507006)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST MRL_CHK1.003
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	68433	6.4				ug/L
	Be	9	1	338	9.0	**0.8942**	0.0280	3.1	ug/L
	Al	27	16109	358216	1.6	**24.9178**	1.9903	8.0	ug/L
	C	13	2396	2340	2.5				mg/L
	S	34	451188	461549	1.3				mg/L
	V	51	2491	67828	2.6	**3.1481**	0.1043	3.3	ug/L
	Cr	52	11737	31574	1.6	**1.0261**	0.0356	3.5	ug/L
	Mn	55	1486	61622	1.7	**2.1684**	0.0515	2.4	ug/L
	Co	59	108	45138	1.4	**2.1794**	0.0460	2.1	ug/L
	Ni	60	248	24930	2.0	**4.8698**	0.1321	2.7	ug/L
	Cu	65	117	11065	1.0	**1.9806**	0.0315	1.6	ug/L
	Zn	66	32	15402	2.0	**4.7852**	0.1277	2.7	ug/L
>	**Ge**	73	75003	76247	0.7				ug/L
	As	75	170	4388	1.9	**1.1769**	0.0256	2.2	ug/L
	Se	82	47	1877	2.6	**4.6643**	0.1019	2.2	ug/L
	Mo	98	46	24130	1.7	**2.0858**	0.0550	2.6	ug/L
	Ag	107	81	9187	0.9	**0.4792**	0.0065	1.3	ug/L
	Cd	111	6	2459	2.2	**0.5100**	0.0138	2.7	ug/L
	Cd	114	28	5471	1.7	**0.5211**	0.0125	2.4	ug/L
>	**In**	115	303952	310358	1.1				ug/L
	Sb	121	90	14969	1.4	**1.0248**	0.0218	2.1	ug/L
	Ba	138	512	95469	1.1	**2.0301**	0.0402	2.0	ug/L
	Tl	205	32	43938	0.8	**1.0334**	0.0169	1.6	ug/L
	Pb	208	726	33091	0.8	**0.5276**	0.0048	0.9	ug/L
>	**Bi**	209	284732	295229	1.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	102.022
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	101.660
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	102.108
Sb	
Ba	
Tl	
Pb	
Bi	103.687

Method 200.8 - Summary Report

Sample ID: TEST MRL_Low

Sample Date/Time: Thursday, March 30, 2006 10:11:18
Sample Type: Sample
Sample Description: Calibration Check (1/5 the MRL levels)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST MRL_Low.004
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	69071	6.1				ug/L
	Be	9	1	85	9.8	**0.2211**	0.0266	12.0	ug/L
	Al	27	16109	86254	1.3	**5.0332**	0.4483	8.9	ug/L
	C	13	2396	2255	4.3				mg/L
	S	34	451188	478256	1.2				mg/L
	V	51	2491	15796	1.2	**0.6233**	0.0163	2.6	ug/L
	Cr	52	11737	15784	1.1	**0.1838**	0.0159	8.6	ug/L
	Mn	55	1486	13571	1.6	**0.4247**	0.0070	1.6	ug/L
	Co	59	108	9468	1.1	**0.4432**	0.0025	0.6	ug/L
	Ni	60	248	4950	1.1	**0.9063**	0.0147	1.6	ug/L
	Cu	65	117	2318	2.6	**0.3890**	0.0067	1.7	ug/L
	Zn	66	32	3014	4.3	**0.9085**	0.0405	4.5	ug/L
>	**Ge**	73	75003	77898	1.0				ug/L
	As	75	170	1239	5.1	**0.2660**	0.0189	7.1	ug/L
	Se	82	47	446	7.4	**0.9899**	0.0879	8.9	ug/L
	Mo	98	46	5005	2.0	**0.4255**	0.0105	2.5	ug/L
	Ag	107	81	2153	1.2	**0.1080**	0.0024	2.3	ug/L
	Cd	111	6	528	1.1	**0.1076**	0.0017	1.5	ug/L
	Cd	114	28	1254	0.1	**0.1162**	0.0012	1.1	ug/L
>	**In**	115	303952	313142	1.0				ug/L
	Sb	121	90	3349	1.7	**0.2223**	0.0019	0.8	ug/L
	Ba	138	512	19776	0.9	**0.4079**	0.0038	0.9	ug/L
	Tl	205	32	9073	0.8	**0.2040**	0.0051	2.5	ug/L
	Pb	208	726	7629	2.4	**0.1070**	0.0013	1.2	ug/L
>	**Bi**	209	284732	307959	1.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	102.974
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	103.860
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	103.023
Sb	
Ba	
Tl	
Pb	
Bi	108.157

Method 200.8 - Summary Report

Sample ID: TEST LINRTY

Sample Date/Time: Thursday, March 30, 2006 10:14:01
Sample Type: Sample
Sample Description: Calibration Check (500 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST LINRTY.005
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	65053	5.5				ug/L
|	**Be**	9	1	178793	0.6	**500.1401**	25.1118	5.0	ug/L
L	**Al**	27	16109	6053808	2.7	**489.1016**	38.5014	7.9	ug/L
	C	13	2396	3242	5.2				mg/L
	S	34	451188	439223	0.4				mg/L
[	**V**	51	2491	9365123	2.8	**518.7381**	13.2386	2.6	ug/L
|	**Cr**	52	11737	8347990	1.5	**500.5309**	7.5567	1.5	ug/L
|	**Mn**	55	1486	13193284	1.5	**509.9724**	7.0681	1.4	ug/L
|	**Co**	59	108	9800982	1.6	**512.5690**	7.2862	1.4	ug/L
|	**Ni**	60	248	2166009	2.0	**491.1518**	9.1193	1.9	ug/L
|	**Cu**	65	117	2342847	1.9	**487.1638**	8.1934	1.7	ug/L
|	**Zn**	66	32	1473294	1.6	**527.1045**	6.9498	1.3	ug/L
|>	**Ge**	73	75003	66339	0.3				ug/L
|	**As**	75	170	1645477	1.5	**528.0045**	6.7107	1.3	ug/L
L	**Se**	82	47	185325	1.7	**543.1072**	8.8575	1.6	ug/L
[	**Mo**	98	46	5149098	2.8	**490.8081**	13.6362	2.8	ug/L
|	**Ag**	107	81	8831370	2.0	**478.6851**	8.8816	1.9	ug/L
|	**Cd**	111	6	2099405	1.9	**455.6200**	7.9496	1.7	ug/L
|	**Cd**	114	28	4533578	1.4	**486.5325**	6.7072	1.4	ug/L
|>	**In**	115	303952	301343	0.4				ug/L
|	**Sb**	121	90	6182233	2.8	**488.3905**	13.2989	2.7	ug/L
L	**Ba**	138	512	21210513	2.9	**525.2759**	14.5670	2.8	ug/L
[	**Tl**	205	32	17480758	2.6	**515.7414**	17.2327	3.3	ug/L
|	**Pb**	208	726	25431684	2.1	**492.5987**	13.8261	2.8	ug/L
L>	**Bi**	209	284732	292833	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	96.983
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	88.449
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	99.142
Sb	
Ba	
Tl	
Pb	
Bi	102.845

Method 200.8 - Summary Report

Sample ID: MCV

Sample Date/Time: Thursday, March 30, 2006 10:23:55
Sample Type: Sample
Sample Description: Calibration Check (3rd Source)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\MCV.006
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	69395	5.0				ug/L
	Be	9	1	14542	1.2	**38.1160**	1.6510	4.3	ug/L
	Al	27	16109	1352965	1.2	**101.3818**	6.0627	6.0	ug/L
	C	13	2396	2592	2.3				mg/L
	S	34	451188	467613	0.9				mg/L
	V	51	2491	1999186	2.3	**98.8872**	2.2412	2.3	ug/L
	Cr	52	11737	1818966	0.8	**96.9914**	1.4545	1.5	ug/L
	Mn	55	1486	2760832	0.9	**102.2536**	0.7236	0.7	ug/L
	Co	59	108	2020698	1.0	**100.4708**	1.3892	1.4	ug/L
	Ni	60	248	477170	0.9	**96.6827**	1.3093	1.4	ug/L
	Cu	65	117	514065	0.5	**100.1236**	0.2713	0.3	ug/L
	Zn	66	32	305976	0.4	**97.8471**	0.5358	0.5	ug/L
>	**Ge**	73	75003	74217	0.8				ug/L
	As	75	170	346897	1.9	**99.4555**	1.2572	1.3	ug/L
	Se	82	47	37619	0.7	**98.4448**	0.5135	0.5	ug/L
	Mo	98	46	1154829	1.1	**99.0475**	0.6905	0.7	ug/L
	Ag	107	81	387221	1.0	**20.1812**	0.1675	0.8	ug/L
	Cd	111	6	239061	0.4	**49.8959**	0.1159	0.2	ug/L
	Cd	114	28	529615	0.2	**50.2134**	0.2705	0.5	ug/L
>	**In**	115	303952	313334	0.5				ug/L
	Sb	121	90	1345601	0.7	**102.2267**	0.2655	0.3	ug/L
	Ba	138	512	4289117	1.2	**102.1436**	0.7734	0.8	ug/L
	Tl	205	32	3517837	1.3	**100.6559**	1.4952	1.5	ug/L
	Pb	208	726	5543628	1.0	**99.3362**	0.5701	0.6	ug/L
>	**Bi**	209	284732	301896	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	103.456
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	98.952
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	103.087
Sb	
Ba	
Tl	
Pb	
Bi	106.028

Method 200.8 - Summary Report

Sample ID: C_S Check

Sample Date/Time: Thursday, March 30, 2006 10:32:54
Sample Type: Sample
Sample Description: Interference Check (300 ppm S : 20 ppm C)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\C_S Check.007
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	80319	2.0				ug/L
	Be	9	1	5	33.3	**0.0083**	0.0040	47.3	ug/L
	Al	27	16109	49311	1.3	**1.9654**	0.1045	5.3	ug/L
	C	13	2396	12192	1.0				mg/L
	S	34	451188	20353576	4.0				mg/L
	V	51	2491	3919	7.1	**0.0730**	0.0166	22.8	ug/L
	Cr	52	11737	11098	3.8	**-0.0362**	0.0196	54.1	ug/L
	Mn	55	1486	2097	2.6	**0.0221**	0.0025	11.4	ug/L
	Co	59	108	581	7.4	**0.0231**	0.0020	8.7	ug/L
	Ni	60	248	326	6.2	**0.0154**	0.0047	30.4	ug/L
	Cu	65	117	-205	58.2	**-0.0589**	0.0218	37.0	ug/L
	Zn	66	32	5188	1.1	**1.6247**	0.0218	1.3	ug/L
>	**Ge**	73	75003	75330	1.2				ug/L
	As	75	170	553	13.2	**0.1082**	0.0223	20.6	ug/L
	Se	82	47	150	11.2	**0.2654**	0.0468	17.6	ug/L
	Mo	98	46	619	12.3	**0.0505**	0.0064	12.6	ug/L
	Ag	107	81	392	3.8	**0.0167**	0.0008	4.5	ug/L
	Cd	111	6	117	14.5	**0.0237**	0.0034	14.3	ug/L
	Cd	114	28	263	3.8	**0.0230**	0.0011	4.8	ug/L
>	**In**	115	303952	304374	1.1				ug/L
	Sb	121	90	2606	2.2	**0.1864**	0.0024	1.3	ug/L
	Ba	138	512	1703	5.6	**0.0292**	0.0023	7.9	ug/L
	Tl	205	32	661	0.1	**0.0192**	0.0002	0.9	ug/L
	Pb	208	726	5845	1.7	**0.0981**	0.0025	2.6	ug/L
>	**Bi**	209	284732	282758	0.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	119.741
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	100.436
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	100.139
Sb	
Ba	
Tl	
Pb	
Bi	99.307

Method 200.8 - Summary Report

Sample ID: ICPMS ICSA

Sample Date/Time: Thursday, March 30, 2006 10:46:13
Sample Type: Sample
Sample Description: Interference Check (ME0602002)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\ICPMS ICSA.008
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	Li	6	67077	74562	3.1				ug/L
|	Be	9	1	8	52.9	0.0865	0.0544	62.8	ug/L
L	Al	27	16109	247355869	3.6	87255.8288	5463.7649	6.3	ug/L
	C	13	2396	6511	2.0				mg/L
	S	34	451188	1838270	1.7				mg/L
[	V	51	2491	-6782	7.5	-2.2731	0.1301	5.7	ug/L
|	Cr	52	11737	15847	0.9	1.0842	0.0406	3.7	ug/L
|	Mn	55	1486	65113	2.1	10.7660	0.2327	2.2	ug/L
|	Co	59	108	8943	1.6	2.0443	0.0330	1.6	ug/L
|	Ni	60	248	4466	1.7	4.0267	0.0881	2.2	ug/L
|	Cu	65	117	5223	1.2	4.4358	0.0655	1.5	ug/L
|	Zn	66	32	5457	3.0	7.9100	0.2370	3.0	ug/L
|>	Ge	73	75003	74973	0.3				ug/L
|	As	75	170	380	45.8	0.2979	0.2483	83.3	ug/L
L	Se	82	47	72	34.0	0.3237	0.3213	99.2	ug/L
[	Mo	98	46	4126363	3.2	1892.6198	55.6931	2.9	ug/L
|	Ag	107	81	592	5.6	0.1434	0.0089	6.2	ug/L
|	Cd	111	6	8210	0.8	9.0149	0.1371	1.5	ug/L
|	Cd	114	28	12894	1.4	6.4098	0.1288	2.0	ug/L
|>	In	115	303952	292965	0.7				ug/L
|	Sb	121	90	3101	3.0	1.1598	0.0389	3.4	ug/L
L	Ba	138	512	7280	2.8	0.8644	0.0199	2.3	ug/L
[	Tl	205	32	960	7.5	0.1466	0.0132	9.0	ug/L
|	Pb	208	726	6791	2.5	0.6015	0.0137	2.3	ug/L
L>	Bi	209	284732	273999	1.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	111.159
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	99.961
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	96.385
Sb	
Ba	
Tl	
Pb	
Bi	96.230

Method 200.8 - Summary Report

Sample ID: ICPMS ICSAB

Sample Date/Time: Thursday, March 30, 2006 10:50:20
Sample Type: Sample
Sample Description: Analyte Check (ME0602003)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\ICPMS ICSAB.009
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	77339	2.3				ug/L
|	**Be**	9	1	16	46.6	**0.1738**	0.0883	50.8	ug/L
L	**Al**	27	16109	257448572	1.5	**88323.3851**	3261.1643	3.7	ug/L
	C	13	2396	6934	0.2				mg/L
	S	34	451188	1847300	1.0				mg/L
[	**V**	51	2491	164154	1.7	**41.9818**	1.1383	2.7	ug/L
|	**Cr**	52	11737	89115	0.6	**20.4948**	0.3598	1.8	ug/L
|	**Mn**	55	1486	179609	1.1	**30.6001**	0.6145	2.0	ug/L
|	**Co**	59	108	179723	1.9	**44.4009**	1.2408	2.8	ug/L
|	**Ni**	60	248	39928	1.3	**42.1930**	0.8745	2.1	ug/L
|	**Cu**	65	117	23799	2.3	**22.9374**	0.7098	3.1	ug/L
|	**Zn**	66	32	17068	0.9	**27.0850**	0.3922	1.4	ug/L
|>	**Ge**	73	75003	74653	0.9				ug/L
|	**As**	75	170	14342	0.5	**20.2103**	0.2140	1.1	ug/L
L	**Se**	82	47	1597	2.5	**20.1837**	0.3266	1.6	ug/L
[	**Mo**	98	46	4220368	2.2	**1911.9837**	46.0996	2.4	ug/L
|	**Ag**	107	81	73308	0.6	**20.1627**	0.1932	1.0	ug/L
|	**Cd**	111	6	17245	1.0	**19.0047**	0.2672	1.4	ug/L
|	**Cd**	114	28	32741	1.0	**16.3820**	0.0860	0.5	ug/L
|>	**In**	115	303952	296644	1.5				ug/L
|	**Sb**	121	90	2716	2.3	**0.9988**	0.0334	3.3	ug/L
L	**Ba**	138	512	8271	2.7	**0.9780**	0.0407	4.2	ug/L
[	**Tl**	205	32	1072	17.1	**0.1626**	0.0289	17.8	ug/L
|	**Pb**	208	726	7209	3.4	**0.6357**	0.0252	4.0	ug/L
L>	**Bi**	209	284732	276782	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	115.299
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	99.534
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	97.596
Sb	
Ba	
Tl	
Pb	
Bi	97.208

Method 200.8 - Summary Report

Sample ID: C.O.B.

Sample Date/Time: Thursday, March 30, 2006 11:01:14
Sample Type: Sample
Sample Description: Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\C.O.B..010
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	80665	3.6				ug/L
	Be	9	1	2	43.3	**0.0019**	0.0020	100.1	ug/L
	Al	27	16109	29120	2.6	**0.6416**	0.0408	6.4	ug/L
	C	13	2396	2987	1.2				mg/L
	S	34	451188	465901	0.3				mg/L
	V	51	2491	2403	4.1	**-0.0068**	0.0051	75.0	ug/L
	Cr	52	11737	11528	1.1	**-0.0222**	0.0087	39.2	ug/L
	Mn	55	1486	1586	3.6	**0.0024**	0.0017	72.1	ug/L
	Co	59	108	147	2.8	**0.0018**	0.0002	12.5	ug/L
	Ni	60	248	377	7.9	**0.0257**	0.0061	23.9	ug/L
	Cu	65	117	367	9.1	**0.0469**	0.0064	13.7	ug/L
	Zn	66	32	392	5.9	**0.1116**	0.0068	6.1	ug/L
>	**Ge**	73	75003	76411	0.4				ug/L
	As	75	170	114	41.6	**-0.0167**	0.0132	79.0	ug/L
	Se	82	47	38	31.6	**-0.0266**	0.0302	113.3	ug/L
	Mo	98	46	816	0.7	**0.0676**	0.0008	1.1	ug/L
	Ag	107	81	93	15.9	**0.0006**	0.0008	119.2	ug/L
	Cd	111	6	15		**0.0019**	0.0000	0.7	ug/L
	Cd	114	28	52	26.4	**0.0023**	0.0013	56.1	ug/L
>	**In**	115	303952	306175	0.4				ug/L
	Sb	121	90	184	9.7	**0.0069**	0.0013	18.4	ug/L
	Ba	138	512	800	2.1	**0.0069**	0.0005	7.1	ug/L
	Tl	205	32	69	20.1	**0.0011**	0.0004	37.2	ug/L
	Pb	208	726	1088	2.4	**0.0066**	0.0004	6.1	ug/L
>	**Bi**	209	284732	288985	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	120.257
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	101.878
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	100.732
Sb	
Ba	
Tl	
Pb	
Bi	101.494

Method 200.8 - Summary Report

Sample ID: 200.8_LFB

Sample Date/Time: Thursday, March 30, 2006 11:07:51
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_LFB.012
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	74546	4.0				ug/L
|	**Be**	9	1	1995	2.2	**4.8641**	0.2755	5.7	ug/L
L	**Al**	27	16109	2665687	1.5	**186.8930**	10.0263	5.4	ug/L
	C	13	2396	12824	1.5				mg/L
	S	34	451188	470014	0.8				mg/L
[	**V**	51	2491	2011601	2.6	**104.9209**	2.9120	2.8	ug/L
|	**Cr**	52	11737	1777659	1.4	**94.0102**	1.5024	1.6	ug/L
|	**Mn**	55	1486	1400000	1.4	**48.3181**	0.8098	1.7	ug/L
|	**Co**	59	108	2035282	1.4	**101.1781**	1.7973	1.8	ug/L
|	**Ni**	60	248	234044	1.3	**47.3845**	0.6435	1.4	ug/L
|	**Cu**	65	117	503278	0.9	**93.5125**	1.2513	1.3	ug/L
|	**Zn**	66	32	301141	0.5	**96.2824**	0.9017	0.9	ug/L
|>	**Ge**	73	75003	74232	0.6				ug/L
|	**As**	75	170	65779	2.2	**18.8188**	0.5168	2.7	ug/L
L	**Se**	82	47	7557	2.4	**19.6760**	0.5623	2.9	ug/L
[	**Mo**	98	46	1056705	1.8	**94.7469**	0.8459	0.9	ug/L
|	**Ag**	107	81	921409	1.2	**50.2107**	0.1188	0.2	ug/L
|	**Cd**	111	6	91366	0.9	**19.9356**	0.0734	0.4	ug/L
|	**Cd**	114	28	204809	1.4	**20.2981**	0.0594	0.3	ug/L
|>	**In**	115	303952	299716	1.1				ug/L
|	**Sb**	121	90	684454	1.0	**51.4762**	0.0562	0.1	ug/L
L	**Ba**	138	512	4240752	0.6	**105.5875**	0.5666	0.5	ug/L
[	**Tl**	205	32	786781	2.2	**18.9664**	0.4339	2.3	ug/L
|	**Pb**	208	726	1165057	1.6	**19.4584**	0.2776	1.4	ug/L
L>	**Bi**	209	284732	288214	1.1				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	111.135
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	98.972
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	98.606
Sb	
Ba	
Tl	
Pb	
Bi	101.223

Method 200.8 - Summary Report

Sample ID: 200.8_LFBD

Sample Date/Time: Thursday, March 30, 2006 11:12:00
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_LFBD.013
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	72317	2.9				ug/L
|	**Be**	9	1	2026	3.0	**5.0905**	0.2873	5.6	ug/L
|	**Al**	27	16109	2589547	2.7	**187.0704**	9.8810	5.3	ug/L
	C	13	2396	13173	2.2				mg/L
	S	34	451188	451566	1.2				mg/L
[	**V**	51	2491	1948365	1.9	**104.2548**	0.8598	0.8	ug/L
|	**Cr**	52	11737	1723020	1.3	**93.4879**	1.2401	1.3	ug/L
|	**Mn**	55	1486	1380299	0.7	**48.8783**	0.3827	0.8	ug/L
|	**Co**	59	108	1999167	0.9	**101.9684**	1.1009	1.1	ug/L
|	**Ni**	60	248	229887	0.8	**47.7579**	0.7316	1.5	ug/L
|	**Cu**	65	117	489293	0.2	**93.2850**	1.3987	1.5	ug/L
|	**Zn**	66	32	295393	1.6	**96.8936**	0.2713	0.3	ug/L
|>	**Ge**	73	75003	72351	1.4				ug/L
|	**As**	75	170	65598	0.9	**19.2564**	0.3278	1.7	ug/L
[	**Se**	82	47	7297	0.9	**19.4933**	0.4298	2.2	ug/L
[	**Mo**	98	46	1037986	0.8	**95.4483**	0.3692	0.4	ug/L
|	**Ag**	107	81	899869	0.7	**50.2893**	0.3049	0.6	ug/L
|	**Cd**	111	6	90155	0.5	**20.1748**	0.3144	1.6	ug/L
|	**Cd**	114	28	201160	1.6	**20.4446**	0.1045	0.5	ug/L
|>	**In**	115	303952	292263	1.1				ug/L
|	**Sb**	121	90	673582	0.7	**51.9515**	0.2727	0.5	ug/L
[	**Ba**	138	512	4164088	0.8	**106.3235**	1.0163	1.0	ug/L
[	**Tl**	205	32	772812	0.7	**19.2495**	0.1772	0.9	ug/L
|	**Pb**	208	726	1131963	0.8	**19.5355**	0.2007	1.0	ug/L
[>	**Bi**	209	284732	278928	0.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	107.812
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	96.465
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	96.155
Sb	
Ba	
Tl	
Pb	
Bi	97.962

Method 200.8 - Summary Report

Sample ID: 2603090347

Sample Date/Time: Thursday, March 30, 2006 11:24:16
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603090347.014
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	81604	4.8				ug/L
	Be	9	1	3	100.0	**0.0042**	0.0070	167.7	ug/L
	Al	27	16109	190165	1.5	**11.0015**	0.6183	5.6	ug/L
	C	13	2396	15223	1.8				mg/L
	S	34	451188	6936974	1.6				mg/L
	V	51	2491	42184	6.8	**2.1316**	0.1652	7.8	ug/L
	Cr	52	11737	18933	1.2	**0.4155**	0.0029	0.7	ug/L
	Mn	55	1486	106620	0.9	**3.7278**	0.0075	0.2	ug/L
	Co	59	108	4455	2.4	**0.2219**	0.0075	3.4	ug/L
	Ni	60	248	15133	1.5	**3.0965**	0.0478	1.5	ug/L
	Cu	65	117	10733	2.6	**2.0251**	0.0681	3.4	ug/L
	Zn	66	32	15516	1.3	**5.0800**	0.1107	2.2	ug/L
>	**Ge**	73	75003	72363	1.0				ug/L
	As	75	170	8311	3.8	**2.3964**	0.0707	3.0	ug/L
	Se	82	47	998	6.0	**2.5588**	0.1384	5.4	ug/L
	Mo	98	46	65877	0.9	**6.0926**	0.0850	1.4	ug/L
	Ag	107	81	462	5.5	**0.0217**	0.0019	8.7	ug/L
	Cd	111	6	167	22.4	**0.0365**	0.0093	25.6	ug/L
	Cd	114	28	294	2.5	**0.0273**	0.0006	2.4	ug/L
>	**In**	115	303952	290455	2.1				ug/L
	Sb	121	90	5627	2.4	**0.4302**	0.0155	3.6	ug/L
	Ba	138	512	6756054	1.2	**173.6225**	3.6928	2.1	ug/L
	Tl	205	32	838	7.9	**0.0211**	0.0013	6.4	ug/L
	Pb	208	726	10061	1.5	**0.1698**	0.0030	1.8	ug/L
>	**Bi**	209	284732	266161	1.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	121.658
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	96.480
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	95.560
Sb	
Ba	
Tl	
Pb	
Bi	93.478

Method 200.8 - Summary Report

Sample ID: 2603100260

Sample Date/Time: Thursday, March 30, 2006 11:29:24
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603100260.015
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	78919	4.2				ug/L
	Be	9	1	2	0.0	**0.0008**	0.0002	19.1	ug/L
	Al	27	16109	632972	2.2	**40.9524**	2.5915	6.3	ug/L
	C	13	2396	12548	3.4				mg/L
	S	34	451188	448647	1.2				mg/L
	V	51	2491	188	597.5	**-0.1184**	0.0613	51.8	ug/L
	Cr	52	11737	20674	2.3	**0.5330**	0.0265	5.0	ug/L
	Mn	55	1486	184364	2.4	**6.6130**	0.1591	2.4	ug/L
	Co	59	108	1310	4.3	**0.0628**	0.0031	5.0	ug/L
	Ni	60	248	1208	4.9	**0.2063**	0.0114	5.5	ug/L
	Cu	65	117	22635	1.4	**4.3794**	0.0357	0.8	ug/L
	Zn	66	32	31831	0.4	**10.6389**	0.1283	1.2	ug/L
>	**Ge**	73	75003	70953	0.9				ug/L
	As	75	170	-196	89.1	**-0.1068**	0.0516	48.4	ug/L
	Se	82	47	16	33.6	**-0.0800**	0.0147	18.3	ug/L
	Mo	98	46	2061	6.1	**0.1897**	0.0108	5.7	ug/L
	Ag	107	81	263	11.5	**0.0107**	0.0017	16.1	ug/L
	Cd	111	6	47	12.4	**0.0095**	0.0013	13.5	ug/L
	Cd	114	28	102	21.9	**0.0079**	0.0023	29.1	ug/L
>	**In**	115	303952	285794	0.6				ug/L
	Sb	121	90	813	5.0	**0.0575**	0.0029	5.0	ug/L
	Ba	138	512	47947	1.2	**1.2395**	0.0165	1.3	ug/L
	Tl	205	32	264	12.5	**0.0059**	0.0008	13.1	ug/L
	Pb	208	726	6835	1.3	**0.1083**	0.0011	1.1	ug/L
>	**Bi**	209	284732	273077	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	117.655
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	94.601
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	94.026
Sb	
Ba	
Tl	
Pb	
Bi	95.907

Method 200.8 - Summary Report

Sample ID: 2603140436

Sample Date/Time: Thursday, March 30, 2006 11:32:29
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603140436.016
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	80066	4.3				ug/L
	Be	9	1	46	11.2	**0.1004**	0.0114	11.4	ug/L
	Al	27	16109	26843801	1.3	**1762.3308**	72.1413	4.1	ug/L
	C	13	2396	10940	0.4				mg/L
	S	34	451188	15524065	1.2				mg/L
	V	51	2491	572231	1.0	**35.4868**	0.3238	0.9	ug/L
	Cr	52	11737	820210	1.0	**51.4202**	0.6187	1.2	ug/L
	Mn	55	1486	1493169	0.8	**61.4332**	0.3350	0.5	ug/L
	Co	59	108	23566	2.5	**1.3908**	0.0272	2.0	ug/L
	Ni	60	248	25567	1.5	**6.1259**	0.0551	0.9	ug/L
	Cu	65	117	22115	2.5	**4.8768**	0.1097	2.2	ug/L
	Zn	66	32	103033	2.0	**39.2560**	0.7518	1.9	ug/L
>	**Ge**	73	75003	62282	0.6				ug/L
	As	75	170	185533	1.2	**63.3709**	0.5490	0.9	ug/L
	Se	82	47	759	2.2	**2.2481**	0.0663	2.9	ug/L
	Mo	98	46	172879	2.6	**19.3574**	0.4530	2.3	ug/L
	Ag	107	81	868	31.8	**0.0548**	0.0188	34.3	ug/L
	Cd	111	6	559	4.6	**0.1512**	0.0078	5.2	ug/L
	Cd	114	28	956	1.0	**0.1156**	0.0006	0.5	ug/L
>	**In**	115	303952	239968	0.7				ug/L
	Sb	121	90	2802	3.8	**0.2566**	0.0087	3.4	ug/L
	Ba	138	512	2401976	1.6	**74.6891**	1.0819	1.4	ug/L
	Tl	205	32	3502	5.9	**0.1087**	0.0061	5.6	ug/L
	Pb	208	726	105270	2.0	**2.2697**	0.0090	0.4	ug/L
>	**Bi**	209	284732	222184	1.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	119.364
Be	
Al	
C	
S	
/	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	83.039
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	78.949
Sb	
Ba	
Tl	
Pb	
Bi	78.033

Method 200.8 - Summary Report

Sample ID: 2603140436_Dil(5)

Sample Date/Time: Thursday, March 30, 2006 11:37:55
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603140436_Dil(5).017
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 5

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	
>	**Li**	6	67077	65230	4.4				ug/L
	Be	9	1	10	28.9	**0.1241**	0.0396	31.9	ug/L
	Al	27	16109	5389365	1.7	**2026.7530**	86.6149	4.3	ug/L
	C	13	2396	4928	2.2				mg/L
	S	34	451188	3460458	2.2				mg/L
	V	51	2491	116471	2.4	**36.6346**	0.8453	2.3	ug/L
	Cr	52	11737	166527	1.6	**51.2369**	0.5468	1.1	ug/L
	Mn	55	1486	295791	2.1	**62.3730**	0.5317	0.9	ug/L
	Co	59	108	4575	1.2	**1.3676**	0.0352	2.6	ug/L
	Ni	60	248	4808	2.9	**5.7228**	0.1263	2.2	ug/L
	Cu	65	117	4224	1.2	**4.7047**	0.1205	2.6	ug/L
	Zn	66	32	21903	1.7	**42.8726**	0.2747	0.6	ug/L
>	**Ge**	73	75003	60559	1.4				ug/L
	As	75	170	35347	1.1	**61.8924**	0.2562	0.4	ug/L
	Se	82	47	181	17.3	**2.2984**	0.5392	23.5	ug/L
	Mo	98	46	31420	0.4	**17.6744**	0.4086	2.3	ug/L
	Ag	107	81	221	14.3	**0.0537**	0.0094	17.4	ug/L

Method 200.8 - Summary Report

Sample ID: 2603140436_Dil(5)

Sample Date/Time: Thursday, March 30, 2006 11:37:55
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603140436_Dil(5).017
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 5

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	67077	65230	4.4				ug/L
|	**Be**	9	1	10	28.9	**0.1241**	0.0396	31.9	ug/L
└	**Al**	27	16109	5389365	1.7	**2026.7530**	86.6149	4.3	ug/L
	C	13	2396	4928	2.2				mg/L
	S	34	451188	3460458	2.2				mg/L
⌈	**V**	51	2491	116471	2.4	**36.6346**	0.8453	2.3	ug/L
|	**Cr**	52	11737	166527	1.6	**51.2369**	0.5468	1.1	ug/L
|	**Mn**	55	1486	295791	2.1	**62.3730**	0.5317	0.9	ug/L
|	**Co**	59	108	4575	1.2	**1.3676**	0.0352	2.6	ug/L
|	**Ni**	60	248	4808	2.9	**5.7228**	0.1263	2.2	ug/L
|	**Cu**	65	117	4224	1.2	**4.7047**	0.1205	2.6	ug/L
|	**Zn**	66	32	21903	1.7	**42.8726**	0.2747	0.6	ug/L
|>	**Ge**	73	75003	60559	1.4				ug/L
|	**As**	75	170	35347	1.1	**61.8924**	0.2562	0.4	ug/L
└	**Se**	82	47	181	17.3	**2.2984**	0.5392	23.5	ug/L
⌈	**Mo**	98	46	31420	0.4	**17.6744**	0.4086	2.3	ug/L
|	**Ag**	107	81	221	14.3	**0.0537**	0.0094	17.4	ug/L
|	**Cd**	111	6	99	11.2	**0.1299**	0.0177	13.6	ug/L
|	**Cd**	114	28	198	2.1	**0.1095**	0.0035	3.2	ug/L
|>	**In**	115	303952	238680	2.0				ug/L
|	**Sb**	121	90	656	6.6	**0.2764**	0.0239	8.6	ug/L
└	**Ba**	138	512	489494	1.2	**76.4781**	1.2646	1.7	ug/L
⌈	**Tl**	205	32	698	3.0	**0.1062**	0.0032	3.0	ug/L
|	**Pb**	208	726	20802	1.0	**2.2124**	0.0244	1.1	ug/L
└>	**Bi**	209	284732	220364	2.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	97.248
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	80.742
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	78.526
Sb	
Ba	
Tl	
Pb	
Bi	77.394

Method 200.8 - Summary Report

Sample ID: 2603140472

Sample Date/Time: Thursday, March 30, 2006 11:41:28
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603140472.018
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	64396	1.6				ug/L
	Be	9	1	6	41.7	**0.0142**	0.0072	50.6	ug/L
	Al	27	16109	125810	1.3	**9.0045**	0.1525	1.7	ug/L
	C	13	2396	13128	2.5				mg/L
	S	34	451188	346601	1.7				mg/L
	V	51	2491	-2123	32.1	**-0.2647**	0.0423	16.0	ug/L
	Cr	52	11737	17481	2.4	**0.5246**	0.0218	4.2	ug/L
	Mn	55	1486	97053	1.7	**4.0679**	0.0581	1.4	ug/L
	Co	59	108	532	5.2	**0.0272**	0.0015	5.4	ug/L
	Ni	60	248	527	4.0	**0.0813**	0.0057	7.0	ug/L
	Cu	65	117	1507	3.1	**0.3226**	0.0119	3.7	ug/L
	Zn	66	32	8630	2.5	**3.3795**	0.0702	2.1	ug/L
>	**Ge**	73	75003	60431	1.0				ug/L
	As	75	170	-489	18.7	**-0.2206**	0.0326	14.8	ug/L
	Se	82	47	48	26.5	**0.0308**	0.0393	127.7	ug/L
	Mo	98	46	865	6.6	**0.0924**	0.0085	9.1	ug/L
	Ag	107	81	176	5.2	**0.0076**	0.0004	5.1	ug/L
	Cd	111	6	50	29.6	**0.0122**	0.0038	31.3	ug/L
	Cd	114	28	115	1.1	**0.0115**	0.0002	1.7	ug/L
>	**In**	115	303952	241176	2.1				ug/L
	Sb	121	90	501	1.4	**0.0401**	0.0016	4.0	ug/L
	Ba	138	512	20875	2.0	**0.6337**	0.0254	4.0	ug/L
	Tl	205	32	122	9.9	**0.0029**	0.0004	13.1	ug/L
	Pb	208	726	5572	2.6	**0.1040**	0.0022	2.1	ug/L
>	**Bi**	209	284732	230710	0.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	96.003
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	80.572
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	79.347
Sb	
Ba	
Tl	
Pb	
Bi	81.027

Method 200.8 - Summary Report

Sample ID: 2603150119

Sample Date/Time: Thursday, March 30, 2006 11:44:51
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150119.019
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	69965	4.2				ug/L
	Be	9	1	0		**-0.0030**	0.0000	0.0	ug/L
	Al	27	16109	353424	1.3	**23.9576**	1.2720	5.3	ug/L
	C	13	2396	13851	2.3				mg/L
	S	34	451188	390383	1.5				mg/L
	V	51	2491	-4713	26.1	**-0.4073**	0.0734	18.0	ug/L
	Cr	52	11737	20764	0.6	**0.6321**	0.0120	1.9	ug/L
	Mn	55	1486	216006	0.6	**8.3922**	0.0994	1.2	ug/L
	Co	59	108	872	7.1	**0.0437**	0.0036	8.3	ug/L
	Ni	60	248	736	2.7	**0.1190**	0.0054	4.6	ug/L
	Cu	65	117	3872	1.3	**0.7927**	0.0130	1.6	ug/L
	Zn	66	32	47589	1.2	**17.2045**	0.0954	0.6	ug/L
>	**Ge**	73	75003	65615	0.6				ug/L
	As	75	170	-192	231.0	**-0.1106**	0.1444	130.5	ug/L
	Se	82	47	20	53.9	**-0.0640**	0.0319	49.9	ug/L
	Mo	98	46	737	5.6	**0.0711**	0.0033	4.6	ug/L
	Ag	107	81	157	6.8	**0.0054**	0.0006	10.3	ug/L
	Cd	111	6	436	4.7	**0.1067**	0.0038	3.5	ug/L
	Cd	114	28	913	3.5	**0.1002**	0.0025	2.5	ug/L
>	**In**	115	303952	263584	1.3				ug/L
	Sb	121	90	449	5.9	**0.0318**	0.0027	8.6	ug/L
	Ba	138	512	27645	1.1	**0.7702**	0.0011	0.1	ug/L
	Tl	205	32	96	3.6	**0.0019**	0.0001	4.7	ug/L
	Pb	208	726	5447	1.2	**0.0924**	0.0009	1.0	ug/L
>	**Bi**	209	284732	250515	0.4				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	104.306
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	87.483
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	86.719
Sb	
Ba	
Tl	
Pb	
Bi	87.983

Method 200.8 - Summary Report

Sample ID: 2603150119MS

Sample Date/Time: Thursday, March 30, 2006 11:47:25
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150119MS.020
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	71209	3.1				ug/L
	Be	9	1	1743	8.5	**4.4509**	0.4586	10.3	ug/L
	Al	27	16109	2515593	4.4	**174.7253**	13.0605	7.5	ug/L
	C	13	2396	13333	2.7				mg/L
	S	34	451188	393918	2.9				mg/L
	V	51	2491	1672902	3.6	**97.2840**	2.8577	2.9	ug/L
	Cr	52	11737	1522886	2.7	**89.7760**	1.6051	1.8	ug/L
	Mn	55	1486	1432648	3.5	**55.1445**	1.7328	3.1	ug/L
	Co	59	108	1776941	2.5	**98.5016**	1.7290	1.8	ug/L
	Ni	60	248	199023	3.0	**44.9296**	0.9967	2.2	ug/L
	Cu	65	117	440183	2.3	**91.2057**	1.6245	1.8	ug/L
	Zn	66	32	311770	2.1	**111.1587**	1.4110	1.3	ug/L
>	**Ge**	73	75003	66562	1.0				ug/L
	As	75	170	59437	3.0	**18.9604**	0.4376	2.3	ug/L
	Se	82	47	6413	4.2	**18.6107**	0.6771	3.6	ug/L
	Mo	98	46	947617	2.5	**95.3928**	1.7923	1.9	ug/L
	Ag	107	81	807284	2.3	**49.3858**	0.5573	1.1	ug/L
	Cd	111	6	81144	1.6	**19.8781**	0.2854	1.4	ug/L
	Cd	114	28	181509	2.5	**20.1945**	0.2307	1.1	ug/L
>	**In**	115	303952	266965	1.6				ug/L
	Sb	121	90	620486	2.6	**52.3860**	0.7400	1.4	ug/L
	Ba	138	512	3731222	2.5	**104.2883**	1.6121	1.5	ug/L
	Tl	205	32	703482	2.5	**19.0738**	0.2859	1.5	ug/L
	Pb	208	726	1035015	2.7	**19.4436**	0.3492	1.8	ug/L
>	**Bi**	209	284732	256211	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	106.161
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	88.746
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	87.831
Sb	
Ba	
Tl	
Pb	
Bi	89.983

Method 200.8 - Summary Report

Sample ID: 2603150119MS

Sample Date/Time: Thursday, March 30, 2006 11:47:25
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150119MS.020
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	71209	3.1				ug/L
	Be	9	1	1743	8.5	**4.4509**	0.4586	10.3	ug/L
	Al	27	16109	2515593	4.4	**186.3876**	13.9322	7.5	ug/L
	C	13	2396	13333	2.7				mg/L
	S	34	451188	393918	2.9				mg/L
	V	51	2491	1672902	3.6	**97.2840**	2.8577	2.9	ug/L
	Cr	52	11737	1522886	2.7	**89.7760**	1.6051	1.8	ug/L
	Mn	55	1486	1432648	3.5	**55.1445**	1.7328	3.1	ug/L
	Co	59	108	1776941	2.5	**98.5016**	1.7290	1.8	ug/L
	Ni	60	248	199023	3.0	**44.9296**	0.9967	2.2	ug/L
	Cu	65	117	440183	2.3	**91.2057**	1.6245	1.8	ug/L
	Zn	66	32	311770	2.1	**111.1587**	1.4110	1.3	ug/L
>	**Ge**	73	75003	66562	1.0				ug/L
	As	75	170	59437	3.0	**18.9604**	0.4376	2.3	ug/L
	Se	82	47	6413	4.2	**18.6107**	0.6771	3.6	ug/L
	Mo	98	46	947617	2.5	**95.3928**	1.7923	1.9	ug/L
	Ag	107	81	807284	2.3	**49.3858**	0.5573	1.1	ug/L
	Cd	111	6	81144	1.6	**19.8781**	0.2854	1.4	ug/L
	Cd	114	28	181509	2.5	**20.1945**	0.2307	1.1	ug/L
>	**In**	115	303952	266965	1.6				ug/L
	Sb	121	90	620486	2.6	**52.3860**	0.7400	1.4	ug/L
	Ba	138	512	3731222	2.5	**104.2883**	1.6121	1.5	ug/L
	Tl	205	32	703482	2.5	**19.0738**	0.2859	1.5	ug/L
	Pb	208	726	1035015	2.7	**19.4436**	0.3492	1.8	ug/L
>	**Bi**	209	284732	256211	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	106.161
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	88.746
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	87.831
Sb	
Ba	
Tl	
Pb	
Bi	89.983

Method 200.8 - Summary Report

Sample ID: 2603150120

Sample Date/Time: Thursday, March 30, 2006 11:52:41
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150120.021
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	72689	3.5				ug/L
|	**Be**	9	1	171	6.3	**0.4248**	0.0293	6.9	ug/L
L	**Al**	27	16109	141010610	1.1	**10294.5597**	285.3768	2.8	ug/L
	C	13	2396	16855	2.7				mg/L
	S	34	451188	4694093	0.2				mg/L
[	**V**	51	2491	1204421	1.1	**69.8175**	1.1360	1.6	ug/L
|	**Cr**	52	11737	761913	1.0	**44.4856**	0.7000	1.6	ug/L
|	**Mn**	55	1486	13429668	0.5	**515.9099**	1.9941	0.4	ug/L
|	**Co**	59	108	127157	0.1	**7.0245**	0.0534	0.8	ug/L
|	**Ni**	60	248	155382	0.3	**34.9712**	0.3243	0.9	ug/L
|	**Cu**	65	117	180744	1.2	**37.3310**	0.1608	0.4	ug/L
|	**Zn**	66	32	9762181	1.5	**3471.0409**	27.4681	0.8	ug/L
|>	**Ge**	73	75003	66752	0.7				ug/L
|	**As**	75	170	203265	1.2	**64.7778**	0.3491	0.5	ug/L
L	**Se**	82	47	1269	3.3	**3.5739**	0.1189	3.3	ug/L
[	**Mo**	98	46	40456	1.3	**4.3785**	0.0492	1.1	ug/L
|	**Ag**	107	81	1692	0.5	**0.1071**	0.0007	0.7	ug/L
|	**Cd**	111	6	3460	2.2	**0.9107**	0.0156	1.7	ug/L
|	**Cd**	114	28	7410	1.9	**0.8847**	0.0246	2.8	ug/L
|>	**In**	115	303952	248096	0.9				ug/L
|	**Sb**	121	90	3288	1.9	**0.2921**	0.0032	1.1	ug/L
L	**Ba**	138	512	6439909	1.9	**193.7128**	3.8283	2.0	ug/L
[	**Tl**	205	32	3941	0.7	**0.1186**	0.0009	0.8	ug/L
|	**Pb**	208	726	1850719	0.5	**38.8654**	0.2999	0.8	ug/L
L>	**Bi**	209	284732	229292	0.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	108.366
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	89.000
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	81.623
Sb	
Ba	
Tl	
Pb	
Bi	80.529

Method 200.8 - Summary Report

Sample ID: 2603210144

Sample Date/Time: Thursday, March 30, 2006 11:59:47
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210144.022
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	66579	5.0				ug/L
	Be	9	1	41	20.8	**0.1088**	0.0202	18.5	ug/L
	Al	27	16109	20465999	2.4	**1630.6859**	51.1605	3.1	ug/L
	C	13	2396	11908	1.4				mg/L
	S	34	451188	9553804	2.3				mg/L
	V	51	2491	519649	1.9	**32.5375**	0.0548	0.2	ug/L
	Cr	52	11737	264297	1.5	**16.3184**	0.0960	0.6	ug/L
	Mn	55	1486	1351640	1.4	**56.1661**	0.4019	0.7	ug/L
	Co	59	108	17002	1.1	**1.0122**	0.0113	1.1	ug/L
	Ni	60	248	15933	1.4	**3.8379**	0.0507	1.3	ug/L
	Cu	65	117	43847	1.3	**9.7891**	0.1449	1.5	ug/L
	Zn	66	32	150629	2.3	**57.9669**	0.4810	0.8	ug/L
>	**Ge**	73	75003	61665	2.0				ug/L
	As	75	170	212426	2.1	**73.2903**	0.4809	0.7	ug/L
	Se	82	47	1209	2.9	**3.6891**	0.0704	1.9	ug/L
	Mo	98	46	119120	1.1	**13.1430**	0.1598	1.2	ug/L
	Ag	107	81	625	4.9	**0.0376**	0.0026	6.9	ug/L
	Cd	111	6	695	10.9	**0.1852**	0.0177	9.6	ug/L
	Cd	114	28	1327	2.5	**0.1593**	0.0067	4.2	ug/L
>	**In**	115	303952	243533	1.6				ug/L
	Sb	121	90	2251	2.1	**0.2017**	0.0012	0.6	ug/L
	Ba	138	512	2454646	2.4	**75.2034**	0.5933	0.8	ug/L
	Tl	205	32	1502	4.0	**0.0457**	0.0015	3.3	ug/L
	Pb	208	726	110269	1.5	**2.3519**	0.0081	0.3	ug/L
>	**Bi**	209	284732	224655	1.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	99.258
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	82.218
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	80.122
Sb	
Ba	
Tl	
Pb	
Bi	78.901

Method 200.8 - Summary Report

Sample ID: TEST CCV_1

Sample Date/Time: Thursday, March 30, 2006 12:05:14
Sample Type: Sample
Sample Description: Calibration Verif. (20 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV_1.023
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	53187	3.7				ug/L
	Be	9	1	5658	0.2	**19.3397**	0.7376	3.8	ug/L
	Al	27	16109	207850	1.1	**19.2935**	0.8974	4.7	ug/L
	C	13	2396	2882	1.7				mg/L
	S	34	451188	322774	0.8				mg/L
	V	51	2491	307458	0.8	**20.0279**	0.2634	1.3	ug/L
	Cr	52	11737	283803	1.5	**18.5153**	0.3231	1.7	ug/L
	Mn	55	1486	431539	2.0	**18.6658**	0.3913	2.1	ug/L
	Co	59	108	327774	1.9	**20.4513**	0.4317	2.1	ug/L
	Ni	60	248	72396	0.4	**19.3829**	0.1124	0.6	ug/L
	Cu	65	117	80588	1.2	**18.7800**	0.2193	1.2	ug/L
	Zn	66	32	47899	0.6	**19.2179**	0.2143	1.1	ug/L
>	**Ge**	73	75003	59130	0.5				ug/L
	As	75	170	55054	0.5	**19.7735**	0.0434	0.2	ug/L
	Se	82	47	5826	0.8	**19.0374**	0.1853	1.0	ug/L
	Mo	98	46	185984	2.2	**20.5927**	0.3074	1.5	ug/L
	Ag	107	81	309187	1.2	**20.8072**	0.1556	0.7	ug/L
	Cd	111	6	74824	1.4	**20.1655**	0.3426	1.7	ug/L
	Cd	114	28	166908	1.2	**20.4312**	0.1369	0.7	ug/L
>	**In**	115	303952	242664	0.9				ug/L
	Sb	121	90	225029	1.0	**20.8986**	0.0759	0.4	ug/L
	Ba	138	512	718196	0.8	**21.1229**	0.1385	0.7	ug/L
	Tl	205	32	646079	1.8	**19.6395**	0.1868	1.0	ug/L
	Pb	208	726	944579	1.5	**19.8950**	0.1886	0.9	ug/L
>	**Bi**	209	284732	228539	0.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	79.292
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	78.838
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	79.836
Sb	
Ba	
Tl	
Pb	
Bi	80.264

Method 200.8 - Summary Report

Sample ID: TEST CCB_1

Sample Date/Time: Thursday, March 30, 2006 12:15:15
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB_1.024
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	56953	5.3				ug/L
	Be	9	1	3	34.6	**0.0058**	0.0029	50.5	ug/L
	Al	27	16109	14688	5.1	**0.0933**	0.0054	5.8	ug/L
	C	13	2396	2689	2.3				mg/L
	S	34	451188	362616	0.5				mg/L
	V	51	2491	2188	23.8	**0.0010**	0.0303	2980.5	ug/L
	Cr	52	11737	10027	1.8	**-0.0120**	0.0126	105.2	ug/L
	Mn	55	1486	1786	1.3	**0.0193**	0.0007	3.5	ug/L
	Co	59	108	154	11.9	**0.0034**	0.0011	31.4	ug/L
	Ni	60	248	209	8.2	**-0.0018**	0.0041	227.2	ug/L
	Cu	65	117	258	16.2	**0.0331**	0.0090	27.1	ug/L
	Zn	66	32	177	20.3	**0.0543**	0.0130	23.9	ug/L
>	**Ge**	73	75003	65326	0.4				ug/L
	As	75	170	152	66.3	**0.0010**	0.0326	3122.3	ug/L
	Se	82	47	21	144.4	**-0.0591**	0.0918	155.3	ug/L
	Mo	98	46	217	5.4	**0.0183**	0.0015	8.2	ug/L
	Ag	107	81	90	14.7	**0.0013**	0.0008	57.5	ug/L
	Cd	111	6	13	45.8	**0.0019**	0.0014	76.3	ug/L
	Cd	114	28	40	35.6	**0.0019**	0.0017	88.9	ug/L
>	**In**	115	303952	260603	1.3				ug/L
	Sb	121	90	211	12.6	**0.0116**	0.0024	20.5	ug/L
	Ba	138	512	801	5.5	**0.0099**	0.0010	10.0	ug/L
	Tl	205	32	143	13.0	**0.0032**	0.0006	17.2	ug/L
	Pb	208	726	657	2.4	**0.0005**	0.0004	92.1	ug/L
>	**Bi**	209	284732	248130	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	84.907
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	87.099
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	85.738
Sb	
Ba	
Tl	
Pb	
Bi	87.145

Method 200.8 - Summary Report

Sample ID: 200.8_MRLCHK

Sample Date/Time: Thursday, March 30, 2006 12:18:23
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_MRLCHK.025
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	61770	2.8				ug/L
	Be	9	1	337	8.6	**0.9864**	0.0690	7.0	ug/L
	Al	27	16109	298501	1.5	**24.1496**	1.0706	4.4	ug/L
	C	13	2396	10923	3.6				mg/L
	S	34	451188	361865	1.7				mg/L
	V	51	2491	50386	6.1	**2.9400**	0.1827	6.2	ug/L
	Cr	52	11737	30559	0.8	**1.2907**	0.0158	1.2	ug/L
	Mn	55	1486	51686	1.5	**2.0319**	0.0345	1.7	ug/L
	Co	59	108	37580	1.3	**2.1737**	0.0340	1.6	ug/L
	Ni	60	248	20614	1.1	**5.0892**	0.0724	1.4	ug/L
	Cu	65	117	9368	1.8	**2.0092**	0.0433	2.2	ug/L
	Zn	66	32	19377	1.4	**7.2165**	0.0877	1.2	ug/L
>	**Ge**	73	75003	63643	0.4				ug/L
	As	75	170	3408	8.5	**1.0918**	0.0975	8.9	ug/L
	Se	82	47	1676	3.4	**4.9969**	0.1758	3.5	ug/L
	Mo	98	46	20667	0.3	**2.1671**	0.0058	0.3	ug/L
	Ag	107	81	8472	0.8	**0.5366**	0.0035	0.7	ug/L
	Cd	111	6	2048	1.7	**0.5222**	0.0095	1.8	ug/L
	Cd	114	28	4730	1.5	**0.5465**	0.0069	1.3	ug/L
>	**In**	115	303952	255823	0.3				ug/L
	Sb	121	90	13295	2.2	**1.1649**	0.0225	1.9	ug/L
	Ba	138	512	83384	0.2	**2.3155**	0.0107	0.5	ug/L
	Tl	205	32	36796	1.1	**1.0305**	0.0063	0.6	ug/L
	Pb	208	726	27355	1.9	**0.5192**	0.0097	1.9	ug/L
>	**Bi**	209	284732	247898	0.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	92.089
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	84.854
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	84.166
Sb	
Ba	
Tl	
Pb	
Bi	87.064

Method 200.8 - Summary Report

Sample ID: 2603210150

Sample Date/Time: Thursday, March 30, 2006 12:21:31
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210150.026
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	60791	4.2				ug/L
|	**Be**	9	1	12	68.6	**0.0342**	0.0262	76.6	ug/L
L	**Al**	27	16109	6704169	1.2	**578.9443**	27.3875	4.7	ug/L
	C	13	2396	13236	1.7				mg/L
	S	34	451188	4340311	0.8				mg/L
[	**V**	51	2491	437242	0.8	**28.1468**	0.1364	0.5	ug/L
|	**Cr**	52	11737	169631	0.9	**10.6604**	0.0853	0.8	ug/L
|	**Mn**	55	1486	3386581	0.8	**144.8386**	0.7508	0.5	ug/L
|	**Co**	59	108	13421	1.0	**0.8209**	0.0092	1.1	ug/L
|	**Ni**	60	248	12182	1.0	**3.1735**	0.0376	1.2	ug/L
|	**Cu**	65	117	32248	1.2	**7.4001**	0.0789	1.1	ug/L
|	**Zn**	66	32	147011	0.4	**58.2034**	0.4451	0.8	ug/L
|>	**Ge**	73	75003	59942	0.3				ug/L
|	**As**	75	170	122954	0.4	**43.6209**	0.1928	0.4	ug/L
L	**Se**	82	47	1504	5.7	**4.7555**	0.2751	5.8	ug/L
[	**Mo**	98	46	46561	1.4	**5.2977**	0.0869	1.6	ug/L
|	**Ag**	107	81	353	8.3	**0.0201**	0.0020	9.9	ug/L
|	**Cd**	111	6	1061	4.4	**0.2927**	0.0130	4.4	ug/L
|	**Cd**	114	28	2303	3.7	**0.2871**	0.0102	3.6	ug/L
|>	**In**	115	303952	236031	0.2				ug/L
|	**Sb**	121	90	2288	1.4	**0.2119**	0.0031	1.4	ug/L
L	**Ba**	138	512	1693215	1.0	**51.2155**	0.5865	1.1	ug/L
[	**Tl**	205	32	963	2.9	**0.0301**	0.0009	2.8	ug/L
|	**Pb**	208	726	149575	0.1	**3.3094**	0.0159	0.5	ug/L
L>	**Bi**	209	284732	216892	0.4				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	90.629
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	79.920
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	77.654
Sb	
Ba	
Tl	
Pb	
Bi	76.174

Method 200.8 - Summary Report

Sample ID: 2603210153

Sample Date/Time: Thursday, March 30, 2006 12:24:56
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210153.027
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	57761	9.5				ug/L
|	**Be**	9	1	316	8.0	**0.9921**	0.0232	2.3	ug/L
L	**Al**	27	16109	114508505	6.6	**10434.0813**	314.9234	3.0	ug/L
	C	13	2396	14371	3.5				mg/L
	S	34	451188	13644602	5.0				mg/L
[	**V**	51	2491	564796	6.6	**38.1181**	0.4554	1.2	ug/L
|	**Cr**	52	11737	423812	6.0	**28.9055**	0.2464	0.9	ug/L
|	**Mn**	55	1486	10465903	6.1	**468.9164**	3.4536	0.7	ug/L
|	**Co**	59	108	72162	6.3	**4.6478**	0.0950	2.0	ug/L
|	**Ni**	60	248	52361	7.8	**14.4615**	0.3442	2.4	ug/L
|	**Cu**	65	117	207970	6.1	**50.1076**	0.4141	0.8	ug/L
|	**Zn**	66	32	185204	6.4	**76.7882**	0.8703	1.1	ug/L
|>	**Ge**	73	75003	57219	5.4				ug/L
|	**As**	75	170	332252	4.6	**123.6096**	1.3527	1.1	ug/L
L	**Se**	82	47	1871	5.8	**6.2357**	0.1931	3.1	ug/L
[	**Mo**	98	46	357193	3.8	**42.2132**	0.1068	0.3	ug/L
|	**Ag**	107	81	1398	8.6	**0.0961**	0.0073	7.6	ug/L
|	**Cd**	111	6	2354	3.5	**0.6758**	0.0100	1.5	ug/L
|	**Cd**	114	28	5001	4.5	**0.6507**	0.0116	1.8	ug/L
|>	**In**	115	303952	227380	3.6				ug/L
|	**Sb**	121	90	11557	2.2	**1.1395**	0.0192	1.7	ug/L
L	**Ba**	138	512	8483703	3.1	**266.4654**	3.5563	1.3	ug/L
[	**Tl**	205	32	5480	4.5	**0.1805**	0.0007	0.4	ug/L
|	**Pb**	208	726	938718	5.0	**21.5117**	0.0843	0.4	ug/L
L>	**Bi**	209	284732	210052	4.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	86.112
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

76.289

74.808

73.772

Method 200.8 - Summary Report

Sample ID: 2603210155

Sample Date/Time: Thursday, March 30, 2006 12:29:01
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210155.028
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	61554	4.2				ug/L
|	**Be**	9	1	74	8.5	**0.2154**	0.0228	10.6	ug/L
L	**Al**	27	16109	33720212	0.5	**2880.5678**	122.2170	4.2	ug/L
	C	13	2396	12014	2.9				mg/L
	S	34	451188	9347969	2.4				mg/L
[	**V**	51	2491	552368	1.1	**33.4749**	0.5514	1.6	ug/L
|	**Cr**	52	11737	285963	0.6	**17.2723**	0.2875	1.7	ug/L
|	**Mn**	55	1486	1328749	2.4	**53.4293**	1.4740	2.8	ug/L
|	**Co**	59	108	23986	2.1	**1.3836**	0.0123	0.9	ug/L
|	**Ni**	60	248	20511	2.2	**5.0571**	0.1176	2.3	ug/L
|	**Cu**	65	117	19740	0.5	**4.2521**	0.0415	1.0	ug/L
|	**Zn**	66	32	200580	2.0	**74.6945**	0.5836	0.8	ug/L
|>	**Ge**	73	75003	63725	1.3				ug/L
|	**As**	75	170	224123	1.2	**74.8286**	0.6085	0.8	ug/L
L	**Se**	82	47	1262	1.9	**3.7299**	0.0852	2.3	ug/L
[	**Mo**	98	46	120303	0.2	**12.8546**	0.0848	0.7	ug/L
|	**Ag**	107	81	745	6.2	**0.0441**	0.0026	5.9	ug/L
|	**Cd**	111	6	442	6.3	**0.1135**	0.0063	5.6	ug/L
|	**Cd**	114	28	778	5.2	**0.0893**	0.0055	6.2	ug/L
|>	**In**	115	303952	251451	0.8				ug/L
|	**Sb**	121	90	1916	2.5	**0.1651**	0.0030	1.8	ug/L
L	**Ba**	138	512	2994033	1.1	**85.0157**	0.7706	0.9	ug/L
[	**Tl**	205	32	1962	0.8	**0.0593**	0.0014	2.4	ug/L
|	**Pb**	208	726	106692	2.0	**2.2525**	0.0094	0.4	ug/L
L>	**Bi**	209	284732	226910	1.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	91.766
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	84.964
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	82.727
Sb	
Ba	
Tl	
Pb	
Bi	79.692

Method 200.8 - Summary Report

Sample ID: 2603210156

Sample Date/Time: Thursday, March 30, 2006 12:33:09
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210156.029
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	51739	2.0				ug/L
|	**Be**	9	1	35	14.3	**0.1198**	0.0162	13.5	ug/L
|	**Al**	27	16109	14653579	4.4	**1488.0656**	93.2105	6.3	ug/L
|	**C**	13	2396	10095	3.1				mg/L
|	**S**	34	451188	8127740	3.5				mg/L
[	**V**	51	2491	439882	2.5	**29.9255**	0.0950	0.3	ug/L
|	**Cr**	52	11737	215596	3.8	**14.5252**	0.1689	1.2	ug/L
|	**Mn**	55	1486	584335	3.2	**26.3590**	0.2304	0.9	ug/L
|	**Co**	59	108	11350	1.7	**0.7330**	0.0102	1.4	ug/L
|	**Ni**	60	248	11752	7.5	**3.2324**	0.1590	4.9	ug/L
|	**Cu**	65	117	10456	5.7	**2.5194**	0.0816	3.2	ug/L
|	**Zn**	66	32	98902	3.9	**41.3558**	0.6049	1.5	ug/L
|>	**Ge**	73	75003	56738	2.7				ug/L
|	**As**	75	170	198040	3.9	**74.2455**	1.0466	1.4	ug/L
[	**Se**	82	47	956	7.3	**3.1504**	0.1532	4.9	ug/L
[	**Mo**	98	46	114014	3.6	**13.2969**	0.1211	0.9	ug/L
|	**Ag**	107	81	442	6.9	**0.0270**	0.0029	10.8	ug/L
|	**Cd**	111	6	299	12.7	**0.0836**	0.0088	10.5	ug/L
|	**Cd**	114	28	556	7.2	**0.0690**	0.0033	4.7	ug/L
|>	**In**	115	303952	230335	2.7				ug/L
|	**Sb**	121	90	1503	8.2	**0.1403**	0.0081	5.8	ug/L
[	**Ba**	138	512	1865511	2.8	**57.8227**	0.3085	0.5	ug/L
[	**Tl**	205	32	1101	2.0	**0.0369**	0.0004	1.0	ug/L
|	**Pb**	208	726	50287	2.2	**1.1800**	0.0069	0.6	ug/L
[>	**Bi**	209	284732	203165	2.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	77.134
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	75.648
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	75.780
Sb	
Ba	
Tl	
Pb	
Bi	71.353

Method 200.8 - Summary Report

Sample ID: 2603220347

Sample Date/Time: Thursday, March 30, 2006 12:38:27
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220347.030
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	59924	9.1				ug/L
|	**Be**	9	1	41	16.9	**0.1216**	0.0186	15.3	ug/L
|	**Al**	27	16109	17677673	7.3	**1550.5238**	37.2927	2.4	ug/L
	C	13	2396	9421	2.8				mg/L
	S	34	451188	15721067	5.6				mg/L
[	**V**	51	2491	423274	5.4	**26.4786**	0.2038	0.8	ug/L
|	**Cr**	52	11737	256713	4.5	**15.9809**	0.1136	0.7	ug/L
|	**Mn**	55	1486	1349491	6.3	**56.0545**	0.8307	1.5	ug/L
|	**Co**	59	108	13431	7.1	**0.7980**	0.0204	2.6	ug/L
|	**Ni**	60	248	17764	6.4	**4.5190**	0.0916	2.0	ug/L
|	**Cu**	65	117	31241	4.2	**6.9710**	0.1407	2.0	ug/L
|	**Zn**	66	32	27969	3.3	**10.7627**	0.1829	1.7	ug/L
|>	**Ge**	73	75003	61656	4.9				ug/L
|	**As**	75	170	335569	2.9	**115.8926**	2.2292	1.9	ug/L
[	**Se**	82	47	2215	8.7	**6.8539**	0.2927	4.3	ug/L
[	**Mo**	98	46	445668	2.5	**49.1984**	0.5251	1.1	ug/L
|	**Ag**	107	81	436	9.8	**0.0249**	0.0028	11.3	ug/L
|	**Cd**	111	6	1049	5.6	**0.2803**	0.0061	2.2	ug/L
|	**Cd**	114	28	1758	2.3	**0.2119**	0.0024	1.2	ug/L
|>	**In**	115	303952	243488	3.4				ug/L
|	**Sb**	121	90	5905	0.8	**0.5405**	0.0226	4.2	ug/L
[	**Ba**	138	512	1712597	3.2	**50.2171**	0.3639	0.7	ug/L
[	**Tl**	205	32	1532	8.9	**0.0473**	0.0019	4.0	ug/L
|	**Pb**	208	726	94946	3.5	**2.0556**	0.0328	1.6	ug/L
[>	**Bi**	209	284732	221256	4.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	89.337
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	82.206
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	80.107
Sb	
Ba	
Tl	
Pb	
Bi	77.707

Method 200.8 - Summary Report

Sample ID: 2603220348

Sample Date/Time: Thursday, March 30, 2006 12:42:32
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220348.031
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	47694	5.4				ug/L
	Be	9	1	8	20.0	**0.0286**	0.0050	17.4	ug/L
	Al	27	16109	5590296	0.1	**615.7615**	32.3095	5.2	ug/L
	C	13	2396	8416	0.5				mg/L
	S	34	451188	3970065	1.2				mg/L
	V	51	2491	418695	0.7	**28.3381**	0.0130	0.0	ug/L
	Cr	52	11737	450391	1.3	**30.8764**	0.3504	1.1	ug/L
	Mn	55	1486	553725	0.9	**24.8561**	0.1152	0.5	ug/L
	Co	59	108	7518	2.0	**0.4813**	0.0102	2.1	ug/L
	Ni	60	248	11673	2.1	**3.1973**	0.0443	1.4	ug/L
	Cu	65	117	8727	0.6	**2.0903**	0.0155	0.7	ug/L
	Zn	66	32	103567	1.7	**43.1045**	0.4832	1.1	ug/L
>	**Ge**	73	75003	57014	0.7				ug/L
	As	75	170	133722	0.8	**49.8851**	0.4027	0.8	ug/L
	Se	82	47	934	3.6	**3.0642**	0.1156	3.8	ug/L
	Mo	98	46	44727	0.4	**5.1640**	0.0367	0.7	ug/L
	Ag	107	81	401	2.3	**0.0238**	0.0007	2.9	ug/L
	Cd	111	6	216	6.5	**0.0593**	0.0037	6.3	ug/L
	Cd	114	28	371	8.2	**0.0447**	0.0039	8.6	ug/L
>	**In**	115	303952	232595	0.3				ug/L
	Sb	121	90	931	6.1	**0.0836**	0.0051	6.2	ug/L
	Ba	138	512	1229170	0.1	**37.7251**	0.1043	0.3	ug/L
	Tl	205	32	537	4.3	**0.0173**	0.0007	4.2	ug/L
	Pb	208	726	53740	1.0	**1.2394**	0.0142	1.1	ug/L
>	**Bi**	209	284732	206810	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	71.104
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	76.016
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	76.524
Sb	
Ba	
Tl	
Pb	
Bi	72.633

Method 200.8 - Summary Report

Sample ID: 2603220357

Sample Date/Time: Thursday, March 30, 2006 12:47:56
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220357.032
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	48511	4.3				ug/L
	Be	9	1	5	57.7	**0.0154**	0.0098	63.5	ug/L
	Al	27	16109	1716574	1.3	**184.8415**	6.3367	3.4	ug/L
	C	13	2396	8310	1.8				mg/L
	S	34	451188	4164504	1.2				mg/L
	V	51	2491	374131	2.1	**25.3487**	0.3177	1.3	ug/L
	Cr	52	11737	166260	1.7	**11.0228**	0.0737	0.7	ug/L
	Mn	55	1486	232626	0.9	**10.4303**	0.0411	0.4	ug/L
	Co	59	108	2852	1.8	**0.1796**	0.0013	0.7	ug/L
	Ni	60	248	6291	0.6	**1.7019**	0.0202	1.2	ug/L
	Cu	65	117	4526	1.4	**1.0755**	0.0157	1.5	ug/L
	Zn	66	32	125385	0.8	**52.2755**	0.1911	0.4	ug/L
>	**Ge**	73	75003	56921	1.2				ug/L
	As	75	170	104878	0.7	**39.1807**	0.4573	1.2	ug/L
	Se	82	47	870	9.3	**2.8485**	0.2480	8.7	ug/L
	Mo	98	46	44738	0.2	**5.2265**	0.0410	0.8	ug/L
	Ag	107	81	166	16.1	**0.0075**	0.0020	26.6	ug/L
	Cd	111	6	152	11.0	**0.0420**	0.0045	10.7	ug/L
	Cd	114	28	283	11.7	**0.0339**	0.0045	13.4	ug/L
>	**In**	115	303952	229876	0.7				ug/L
	Sb	121	90	854	5.2	**0.0771**	0.0039	5.0	ug/L
	Ba	138	512	926395	0.3	**28.7663**	0.1276	0.4	ug/L
	Tl	205	32	303	15.1	**0.0094**	0.0015	15.6	ug/L
	Pb	208	726	29191	0.8	**0.6696**	0.0041	0.6	ug/L
>	**Bi**	209	284732	206212	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	72.321
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	75.892
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	75.629
Sb	
Ba	
Tl	
Pb	
Bi	72.423

Method 200.8 - Summary Report

Sample ID: 2603220360

Sample Date/Time: Thursday, March 30, 2006 12:50:54
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220360.033
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	46631	8.4				ug/L
	Be	9	1	6	34.6	**0.0191**	0.0089	46.4	ug/L
	Al	27	16109	1041050	4.3	**116.3138**	4.8181	4.1	ug/L
	C	13	2396	6936	1.7				mg/L
	S	34	451188	12250028	3.5				mg/L
	V	51	2491	375846	3.2	**27.4695**	0.2419	0.9	ug/L
	Cr	52	11737	546297	3.2	**40.6407**	0.2619	0.6	ug/L
	Mn	55	1486	96112	4.9	**4.6167**	0.0990	2.1	ug/L
	Co	59	108	3487	4.1	**0.2384**	0.0046	1.9	ug/L
	Ni	60	248	9694	4.9	**2.8618**	0.0746	2.6	ug/L
	Cu	65	117	7727	1.8	**1.9996**	0.0933	4.7	ug/L
	Zn	66	32	11187	4.3	**5.0191**	0.1051	2.1	ug/L
>	**Ge**	73	75003	52787	2.8				ug/L
	As	75	170	156826	3.4	**63.1937**	0.4003	0.6	ug/L
	Se	82	47	616	7.0	**2.1445**	0.1010	4.7	ug/L
	Mo	98	46	177688	2.6	**21.4505**	0.0404	0.2	ug/L
	Ag	107	81	168	5.2	**0.0080**	0.0009	11.4	ug/L
	Cd	111	6	287	6.7	**0.0830**	0.0071	8.6	ug/L
	Cd	114	28	520	9.2	**0.0666**	0.0047	7.1	ug/L
>	**In**	115	303952	222580	2.4				ug/L
	Sb	121	90	1341	1.6	**0.1292**	0.0053	4.1	ug/L
	Ba	138	512	1643521	2.3	**52.7177**	0.1421	0.3	ug/L
	Tl	205	32	993	7.8	**0.0354**	0.0017	4.8	ug/L
	Pb	208	726	9089	3.3	**0.2176**	0.0055	2.5	ug/L
>	**Bi**	209	284732	190471	3.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	69.519
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	70.380
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	73.229
Sb	
Ba	
Tl	
Pb	
Bi	66.895

Method 200.8 - Summary Report

Sample ID: 2603230069

Sample Date/Time: Thursday, March 30, 2006 12:54:41
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603230069.034
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	45251	8.3				ug/L
	Be	9	1	3	69.3	**0.0085**	0.0088	102.8	ug/L
	Al	27	16109	337814	5.6	**38.0230**	1.2231	3.2	ug/L
	C	13	2396	10903	1.6				mg/L
	S	34	451188	16417480	3.3				mg/L
	V	51	2491	163573	4.7	**12.1380**	0.2426	2.0	ug/L
	Cr	52	11737	40453	4.9	**2.4967**	0.0730	2.9	ug/L
	Mn	55	1486	1655514	4.0	**82.1010**	1.3909	1.7	ug/L
	Co	59	108	11421	6.1	**0.8099**	0.0319	3.9	ug/L
	Ni	60	248	19646	3.7	**5.9821**	0.0602	1.0	ug/L
	Cu	65	117	9891	3.3	**2.6193**	0.0332	1.3	ug/L
	Zn	66	32	4304	5.0	**1.9663**	0.0516	2.6	ug/L
>	**Ge**	73	75003	51671	2.8				ug/L
	As	75	170	377067	2.6	**155.3169**	0.5370	0.3	ug/L
	Se	82	47	985	9.5	**3.5789**	0.2534	7.1	ug/L
	Mo	98	46	149611	1.8	**17.8852**	0.0603	0.3	ug/L
	Ag	107	81	208	6.0	**0.0108**	0.0010	9.7	ug/L
	Cd	111	6	318	5.9	**0.0913**	0.0060	6.6	ug/L
	Cd	114	28	535	4.1	**0.0680**	0.0019	2.8	ug/L
>	**In**	115	303952	224766	1.8				ug/L
	Sb	121	90	1136	3.8	**0.1074**	0.0064	6.0	ug/L
	Ba	138	512	1175923	1.6	**37.3496**	0.3526	0.9	ug/L
	Tl	205	32	629	3.8	**0.0222**	0.0003	1.5	ug/L
	Pb	208	726	3205	0.7	**0.0688**	0.0024	3.5	ug/L
>	**Bi**	209	284732	190637	3.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	67.462
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	68.892
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	73.948
Sb	
Ba	
Tl	
Pb	
Bi	66.953

Method 200.8 - Summary Report

Sample ID: TEST CCV_2

Sample Date/Time: Thursday, March 30, 2006 13:02:49
Sample Type: Sample
Sample Description: Calibration Verif. (50 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV_2.035
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	44635	7.1				ug/L
	Be	9	1	10545	1.2	**47.9452**	2.7776	5.8	ug/L
	Al	27	16109	462551	0.3	**53.3719**	3.8711	7.3	ug/L
	C	13	2396	2349	2.6				mg/L
	S	34	451188	354389	0.6				mg/L
	V	51	2491	765961	1.9	**50.2606**	0.8321	1.7	ug/L
	Cr	52	11737	703497	0.8	**46.9846**	0.2530	0.5	ug/L
	Mn	55	1486	1063104	2.1	**49.5659**	0.9250	1.9	ug/L
	Co	59	108	820580	1.0	**51.3857**	0.4055	0.8	ug/L
	Ni	60	248	181000	1.9	**48.7084**	0.8144	1.7	ug/L
	Cu	65	117	208445	1.2	**48.7801**	0.4710	1.0	ug/L
	Zn	66	32	125041	1.4	**50.3586**	0.6025	1.2	ug/L
>	**Ge**	73	75003	58922	0.3				ug/L
	As	75	170	143880	0.9	**51.9369**	0.3627	0.7	ug/L
	Se	82	47	14971	1.1	**49.2852**	0.4406	0.9	ug/L
	Mo	98	46	487568	1.2	**52.2932**	0.8981	1.7	ug/L
	Ag	107	81	809134	1.0	**52.7422**	0.7790	1.5	ug/L
	Cd	111	6	197243	1.3	**51.4815**	0.9491	1.8	ug/L
	Cd	114	28	436947	1.3	**51.8056**	0.9261	1.8	ug/L
>	**In**	115	303952	250576	0.5				ug/L
	Sb	121	90	604268	0.9	**51.5447**	0.7028	1.4	ug/L
	Ba	138	512	1846137	0.5	**52.6006**	0.4639	0.9	ug/L
	Tl	205	32	1661861	0.6	**49.0964**	0.8341	1.7	ug/L
	Pb	208	726	2434829	0.7	**49.8585**	1.0137	2.0	ug/L
>	**Bi**	209	284732	235211	1.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	66.543
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	78.561
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	82.440
Sb	
Ba	
Tl	
Pb	
Bi	82.608

Method 200.8 - Summary Report

Sample ID: TEST CCB_2

Sample Date/Time: Thursday, March 30, 2006 13:15:23
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB_2.036
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	43943	7.1				ug/L
	Be	9	1	3	69.3	**0.0097**	0.0094	97.8	ug/L
	Al	27	16109	10762	1.3	**0.0293**	0.0950	323.8	ug/L
	C	13	2396	2128	2.4				mg/L
	S	34	451188	353847	0.4				mg/L
	V	51	2491	1782	59.6	**-0.0160**	0.0675	421.3	ug/L
	Cr	52	11737	9500	3.3	**-0.0073**	0.0182	250.3	ug/L
	Mn	55	1486	1716	1.3	**0.0224**	0.0014	6.3	ug/L
	Co	59	108	101	9.7	**0.0007**	0.0006	75.6	ug/L
	Ni	60	248	217	10.8	**0.0036**	0.0061	170.3	ug/L
	Cu	65	117	277	2.0	**0.0408**	0.0016	4.0	ug/L
	Zn	66	32	73	22.9	**0.0182**	0.0066	36.3	ug/L
>	**Ge**	73	75003	61420	0.6				ug/L
	As	75	170	136	59.7	**-0.0011**	0.0281	2483.7	ug/L
	Se	82	47	36	58.3	**-0.0097**	0.0653	673.5	ug/L
	Mo	98	46	179	9.5	**0.0149**	0.0019	12.6	ug/L
	Ag	107	81	59	18.2	**-0.0005**	0.0007	130.4	ug/L
	Cd	111	6	14	42.1	**0.0023**	0.0015	66.8	ug/L
	Cd	114	28	44	56.8	**0.0025**	0.0030	119.8	ug/L
>	**In**	115	303952	253206	0.5				ug/L
	Sb	121	90	240	7.6	**0.0139**	0.0016	11.6	ug/L
	Ba	138	512	683	6.4	**0.0072**	0.0012	16.6	ug/L
	Tl	205	32	122	4.7	**0.0028**	0.0002	6.2	ug/L
	Pb	208	726	641	6.7	**0.0009**	0.0010	113.5	ug/L
>	**Bi**	209	284732	234591	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	65.512
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	81.890
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	83.305
Sb	
Ba	
Tl	
Pb	
Bi	82.390

Method 200.8 - Summary Report

Sample ID: 2603230197

Sample Date/Time: Thursday, March 30, 2006 13:21:14
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603230197.037
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	52117	1.8				ug/L
	Be	9	1	17	10.0	**0.0613**	0.0054	8.8	ug/L
	Al	27	16109	11965247	2.2	**1205.5195**	44.0292	3.7	ug/L
	C	13	2396	9839	1.5				mg/L
	S	34	451188	5155845	2.1				mg/L
	V	51	2491	334912	3.1	**21.0000**	0.5211	2.5	ug/L
	Cr	52	11737	150046	2.3	**9.1142**	0.1901	2.1	ug/L
	Mn	55	1486	1228598	2.3	**54.9410**	0.9353	1.7	ug/L
	Co	59	108	10517	1.6	**0.6265**	0.0157	2.5	ug/L
	Ni	60	248	13184	1.8	**3.3542**	0.0830	2.5	ug/L
	Cu	65	117	8450	1.3	**1.8762**	0.0435	2.3	ug/L
	Zn	66	32	27156	2.8	**10.4811**	0.2862	2.7	ug/L
>	**Ge**	73	75003	61445	2.0				ug/L
	As	75	170	103785	1.1	**35.9154**	0.3369	0.9	ug/L
	Se	82	47	934	7.0	**2.8337**	0.1858	6.6	ug/L
	Mo	98	46	123404	1.2	**13.4762**	0.0901	0.7	ug/L
	Ag	107	81	382	6.2	**0.0210**	0.0018	8.6	ug/L
	Cd	111	6	281	14.8	**0.0734**	0.0107	14.5	ug/L
	Cd	114	28	511	10.4	**0.0589**	0.0060	10.1	ug/L
>	**In**	115	303952	246029	1.0				ug/L
	Sb	121	90	2991	2.6	**0.2536**	0.0044	1.7	ug/L
	Ba	138	512	1270297	1.0	**36.8578**	0.0407	0.1	ug/L
	Tl	205	32	3338	2.3	**0.1019**	0.0040	4.0	ug/L
	Pb	208	726	32122	2.3	**0.6723**	0.0137	2.0	ug/L
>	**Bi**	209	284732	226009	2.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	77.698
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co
Ni
Cu
Zn
Ge
As
Se
Mo
Ag
Cd
Cd
In
Sb
Ba
Tl
Pb
Bi

81.923

80.944

79.376

Method 200.8 - Summary Report

Sample ID: 2603240118

Sample Date/Time: Thursday, March 30, 2006 13:25:26
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240118.038
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	48477	3.6				ug/L
	Be	9	1	4	94.4	**0.0148**	0.0169	114.2	ug/L
	Al	27	16109	731619	0.8	**78.0901**	2.2576	2.9	ug/L
	C	13	2396	9707	3.6				mg/L
	S	34	451188	10235751	2.5				mg/L
	V	51	2491	-92413	3.5	**-5.8894**	0.2109	3.6	ug/L
	Cr	52	11737	43998	0.9	**2.1972**	0.0140	0.6	ug/L
	Mn	55	1486	73386630	1.7	**3245.5952**	61.0021	1.9	ug/L
	Co	59	108	8014	1.4	**0.4703**	0.0095	2.0	ug/L
	Ni	60	248	10651	1.6	**2.6662**	0.0472	1.8	ug/L
	Cu	65	117	8050	1.4	**1.7644**	0.0181	1.0	ug/L
	Zn	66	32	763348	1.5	**291.3495**	5.0153	1.7	ug/L
>	**Ge**	73	75003	62188	0.6				ug/L
	As	75	170	10428	1.5	**3.5220**	0.0722	2.1	ug/L
	Se	82	47	649	8.4	**1.9063**	0.1683	8.8	ug/L
	Mo	98	46	14028	1.7	**1.5371**	0.0107	0.7	ug/L
	Ag	107	81	671	4.2	**0.0404**	0.0018	4.5	ug/L
	Cd	111	6	472	9.7	**0.1247**	0.0099	8.0	ug/L
	Cd	114	28	1101	4.6	**0.1309**	0.0038	2.9	ug/L
>	**In**	115	303952	244644	1.9				ug/L
	Sb	121	90	1341	2.1	**0.1108**	0.0004	0.4	ug/L
	Ba	138	512	738915	0.8	**21.5603**	0.3574	1.7	ug/L
	Tl	205	32	103	11.6	**0.0027**	0.0004	13.9	ug/L
	Pb	208	726	76263	0.4	**1.7682**	0.0238	1.3	ug/L
>	**Bi**	209	284732	206327	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	72.271
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	82.915
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	80.488
Sb	
Ba	
Tl	
Pb	
Bi	72.463

Method 200.8 - Summary Report

Sample ID: 2603240118_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 13:30:05
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240118_Dil(10).039
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	52750	5.9				ug/L
	Be	9	1	2	43.3	**0.0524**	0.0391	74.7	ug/L
	Al	27	16109	98979	3.0	**86.3091**	8.5155	9.9	ug/L
	C	13	2396	4315	4.3				mg/L
	S	34	451188	1525548	2.4				mg/L
	V	51	2491	-8545	7.0	**-7.0693**	0.3564	5.0	ug/L
	Cr	52	11737	10238	1.2	**0.8891**	0.0706	7.9	ug/L
	Mn	55	1486	8974050	1.5	**3976.0137**	104.7942	2.6	ug/L
	Co	59	108	918	4.9	**0.5381**	0.0281	5.2	ug/L
	Ni	60	248	1302	5.5	**3.0848**	0.2126	6.9	ug/L
	Cu	65	117	1181	4.1	**2.6292**	0.0963	3.7	ug/L
	Zn	66	32	98561	1.0	**376.2178**	7.9588	2.1	ug/L
>	**Ge**	73	75003	57269	1.3				ug/L
	As	75	170	1276	5.8	**4.2579**	0.2339	5.5	ug/L
	Se	82	47	85	1.7	**1.6592**	0.0557	3.4	ug/L
	Mo	98	46	1334	1.7	**1.5497**	0.0450	2.9	ug/L
	Ag	107	81	82	12.2	**0.0163**	0.0066	40.7	ug/L
	Cd	111	6	53	10.2	**0.1399**	0.0142	10.2	ug/L
	Cd	114	28	122	17.7	**0.1340**	0.0288	21.5	ug/L
>	**In**	115	303952	225379	1.2				ug/L
	Sb	121	90	173	18.8	**0.1004**	0.0289	28.8	ug/L
	Ba	138	512	71942	2.0	**22.6797**	0.7271	3.2	ug/L
	Tl	205	32	54	3.5	**0.0101**	0.0006	5.5	ug/L
	Pb	208	726	8120	1.3	**1.7252**	0.0151	0.9	ug/L
>	**Bi**	209	284732	211656	0.4				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	78.641
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	76.356
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	74.150
Sb	
Ba	
Tl	
Pb	
Bi	74.335

Method 200.8 - Summary Report

Sample ID: 2603240135

Sample Date/Time: Thursday, March 30, 2006 13:34:22
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240135.040
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	59462	6.2				ug/L
	Be	9	1	6	75.5	**0.0154**	0.0142	92.7	ug/L
	Al	27	16109	3017036	3.6	**250.8009**	6.7057	2.7	ug/L
	C	13	2396	6364	1.3				mg/L
	S	34	451188	19468748	4.7				mg/L
	V	51	2491	206820	3.8	**14.2805**	0.2749	1.9	ug/L
	Cr	52	11737	314140	3.3	**23.2773**	0.1775	0.8	ug/L
	Mn	55	1486	1703854	3.6	**83.6839**	0.6586	0.8	ug/L
	Co	59	108	12933	1.1	**0.8647**	0.0279	3.2	ug/L
	Ni	60	248	19417	4.4	**5.2947**	0.0259	0.5	ug/L
	Cu	65	117	11454	3.9	**2.8698**	0.0557	1.9	ug/L
	Zn	66	32	6758	6.2	**2.8593**	0.2874	10.1	ug/L
>	**Ge**	73	75003	51631	3.9				ug/L
	As	75	170	231788	3.1	**87.6359**	1.0736	1.2	ug/L
	Se	82	47	1541	1.4	**5.2192**	0.2636	5.1	ug/L
	Mo	98	46	972482	2.0	**124.4638**	1.7049	1.4	ug/L
	Ag	107	81	226	2.6	**0.0133**	0.0008	6.4	ug/L
	Cd	111	6	1663	6.2	**0.5161**	0.0157	3.0	ug/L
	Cd	114	28	2678	4.8	**0.3759**	0.0082	2.2	ug/L
>	**In**	115	303952	210047	3.4				ug/L
	Sb	121	90	2055	1.9	**0.2029**	0.0076	3.7	ug/L
	Ba	138	512	1164446	2.5	**39.3116**	0.3748	1.0	ug/L
	Tl	205	32	1747	5.6	**0.0642**	0.0014	2.2	ug/L
	Pb	208	726	9611	5.5	**0.2647**	0.0079	3.0	ug/L
>	**Bi**	209	284732	186654	3.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	88.648
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	68.839
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	69.105
Sb	
Ba	
Tl	
Pb	
Bi	65.554

Method 200.8 - Summary Report

Sample ID: 2603240119MS

Sample Date/Time: Thursday, March 30, 2006 13:38:10
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240119MS.041
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	39541	24.4				ug/L
	Be	9	1	782	23.8	**4.2592**	0.2268	5.3	ug/L
	Al	27	16109	3130722	18.0	**450.2302**	29.1298	6.5	ug/L
	C	13	2396	6751	8.2				mg/L
	S	34	451188	13527213	17.3				mg/L
	V	51	2491	974102	17.6	**107.1839**	2.0386	1.9	ug/L
	Cr	52	11737	936508	17.0	**105.5485**	1.4043	1.3	ug/L
	Mn	55	1486	1762539	17.5	**128.4423**	2.0655	1.6	ug/L
	Co	59	108	874461	17.2	**85.4405**	1.5329	1.8	ug/L
	Ni	60	248	106066	17.9	**45.2893**	0.9321	2.1	ug/L
	Cu	65	117	223727	16.6	**87.8004**	0.6229	0.7	ug/L
	Zn	66	32	143843	16.3	**97.1742**	0.3565	0.4	ug/L
>	**Ge**	73	75003	37359	15.9				ug/L
	As	75	170	197958	17.1	**109.8736**	1.6309	1.5	ug/L
	Se	82	47	5527	20.8	**27.8147**	1.4423	5.2	ug/L
	Mo	98	46	1348853	15.1	**244.1185**	3.3270	1.4	ug/L
	Ag	107	81	452362	14.4	**47.9110**	0.2521	0.5	ug/L
	Cd	111	6	49897	15.3	**21.1395**	0.3332	1.6	ug/L
	Cd	114	28	110824	15.2	**21.3319**	0.3010	1.4	ug/L
>	**In**	115	303952	163977	13.9				ug/L
	Sb	121	90	384312	13.1	**53.3323**	0.4856	0.9	ug/L
	Ba	138	512	3174260	13.9	**146.0314**	0.2152	0.1	ug/L
	Tl	205	32	397596	15.7	**21.5955**	0.1807	0.8	ug/L
	Pb	208	726	570056	14.7	**21.4736**	0.2218	1.0	ug/L
>	**Bi**	209	284732	135962	14.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	72.271
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	68.839
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	69.105
Sb	
Ba	
Tl	
Pb	
Bi	65.554

Method 200.8 - Summary Report

Sample ID: 2603240120MSD

Sample Date/Time: Thursday, March 30, 2006 13:43:16
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240120MSD.042
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	54625	2.8				ug/L
	Be	9	1	1143	7.3	**4.2314**	0.2402	5.7	ug/L
	Al	27	16109	4639536	6.6	**449.0784**	18.6583	4.2	ug/L
	C	13	2396	8822	2.2				mg/L
	S	34	451188	20563553	6.4				mg/L
	V	51	2491	1432148	6.3	**108.4607**	2.8739	2.6	ug/L
	Cr	52	11737	1370083	5.4	**106.2672**	2.0253	1.9	ug/L
	Mn	55	1486	2514572	6.8	**126.0735**	3.9506	3.1	ug/L
	Co	59	108	1268998	5.6	**85.3137**	1.6042	1.9	ug/L
	Ni	60	248	158567	5.8	**46.6183**	0.9878	2.1	ug/L
	Cu	65	117	315190	5.3	**85.0501**	1.3968	1.6	ug/L
	Zn	66	32	200226	5.3	**92.9728**	1.5076	1.6	ug/L
>	**Ge**	73	75003	51091	3.6				ug/L
	As	75	170	287770	5.5	**109.6822**	2.1560	2.0	ug/L
	Se	82	47	8053	7.0	**27.9919**	0.9668	3.5	ug/L
	Mo	98	46	1829476	4.4	**229.3692**	3.1297	1.4	ug/L
	Ag	107	81	608066	4.1	**44.5846**	0.6943	1.6	ug/L
	Cd	111	6	68009	4.4	**19.9652**	0.3656	1.8	ug/L
	Cd	114	28	149651	4.4	**19.9556**	0.3390	1.7	ug/L
>	**In**	115	303952	222713	3.1				ug/L
	Sb	121	90	495186	3.7	**47.5165**	0.3868	0.8	ug/L
	Ba	138	512	4289527	4.5	**136.5406**	2.0161	1.5	ug/L
	Tl	205	32	560921	4.2	**19.8075**	0.2428	1.2	ug/L
	Pb	208	726	806175	4.0	**19.7251**	0.2035	1.0	ug/L
>	**Bi**	209	284732	196695	3.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	81.437
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	68.119
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	73.272
Sb	
Ba	
Tl	
Pb	
Bi	69.081

Method 200.8 - Summary Report

Sample ID: 2603240122

Sample Date/Time: Thursday, March 30, 2006 13:48:49
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240122.043
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	65268	3.3				ug/L
	Be	9	1	501	3.0	**1.5495**	0.0482	3.1	ug/L
	Al	27	16109	268461947	1.2	**21841.6181**	935.6464	4.3	ug/L
	C	13	2396	8676	1.6				mg/L
	S	34	451188	4698705	1.5				mg/L
	V	51	2491	858899	0.2	**55.1003**	0.1107	0.2	ug/L
	Cr	52	11737	830296	1.2	**54.2963**	0.4803	0.9	ug/L
	Mn	55	1486	11265696	1.0	**479.2185**	6.0221	1.3	ug/L
	Co	59	108	164715	1.3	**9.3848**	0.1098	1.2	ug/L
	Ni	60	248	131523	1.1	**32.7728**	0.2820	0.9	ug/L
	Cu	65	117	105646	0.4	**24.1545**	0.0165	0.1	ug/L
	Zn	66	32	264601	0.4	**104.1709**	0.3823	0.4	ug/L
>	**Ge**	73	75003	60284	0.4				ug/L
	As	75	170	180791	1.1	**58.4045**	0.5444	0.9	ug/L
	Se	82	47	916	1.5	**2.5979**	0.0445	1.7	ug/L
	Mo	98	46	106144	0.6	**13.1485**	0.2103	1.6	ug/L
	Ag	107	81	1796	5.8	**0.1266**	0.0091	7.2	ug/L
	Cd	111	6	989	3.4	**0.2873**	0.0127	4.4	ug/L
	Cd	114	28	2005	1.3	**0.2630**	0.0020	0.8	ug/L
>	**In**	115	303952	224154	1.1				ug/L
	Sb	121	90	2346	1.5	**0.2175**	0.0055	2.5	ug/L
	Ba	138	512	9672175	1.3	**306.0040**	2.7847	0.9	ug/L
	Tl	205	32	12644	1.5	**0.4131**	0.0075	1.8	ug/L
	Pb	208	726	664009	1.1	**15.0559**	0.2062	1.4	ug/L
>	**Bi**	209	284732	212260	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	97.304
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	80.376
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	73.747
Sb	
Ba	
Tl	
Pb	
Bi	74.547

Method 200.8 - Summary Report

Sample ID: 2603240122_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 13:54:16
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240122_Dil(10).044
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	67077	51868	3.6				ug/L
|	**Be**	9	1	56	20.4	**2.1260**	0.3608	17.0	ug/L
└	**Al**	27	16109	29804938	2.3	**30514.3235**	1709.5833	5.6	ug/L
	C	13	2396	4152	1.1				mg/L
	S	34	451188	779785	1.3				mg/L
⌈	**V**	51	2491	96962	1.3	**62.4025**	0.3981	0.6	ug/L
|	**Cr**	52	11737	97179	2.0	**59.4225**	1.0201	1.7	ug/L
|	**Mn**	55	1486	1217467	2.2	**528.5479**	8.7534	1.7	ug/L
|	**Co**	59	108	18461	2.1	**10.7004**	0.1574	1.5	ug/L
|	**Ni**	60	248	14713	2.1	**37.0098**	0.7337	2.0	ug/L
|	**Cu**	65	117	12148	2.0	**28.1833**	0.4243	1.5	ug/L
|	**Zn**	66	32	33175	3.6	**133.3180**	3.9534	3.0	ug/L
|>	**Ge**	73	75003	59012	0.6				ug/L
|	**As**	75	170	18864	2.0	**61.8583**	1.0814	1.7	ug/L
└	**Se**	82	47	130	14.3	**2.8062**	0.5425	19.3	ug/L
⌈	**Mo**	98	46	10044	2.1	**11.3105**	0.1918	1.7	ug/L
|	**Ag**	107	81	177	9.1	**0.0816**	0.0116	14.2	ug/L
|	**Cd**	111	6	109	11.5	**0.2950**	0.0342	11.6	ug/L
|	**Cd**	114	28	252	19.0	**0.2968**	0.0599	20.2	ug/L
|>	**In**	115	303952	231076	0.5				ug/L
|	**Sb**	121	90	297	2.0	**0.2110**	0.0046	2.2	ug/L
└	**Ba**	138	512	1019128	1.5	**312.6488**	3.4380	1.1	ug/L
⌈	**Tl**	205	32	1415	3.1	**0.4434**	0.0079	1.8	ug/L
|	**Pb**	208	726	70944	2.1	**15.5659**	0.1160	0.7	ug/L
└>	**Bi**	209	284732	217799	1.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	77.327
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	78.680
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	76.024
Sb	
Ba	
Tl	
Pb	
Bi	76.492

Method 200.8 - Summary Report

Sample ID: 2603150120_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 13:57:33
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150120_Dil(10).045
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	54937	7.0				ug/L
	Be	9	1	22	22.9	**0.7811**	0.1499	19.2	ug/L
	Al	27	16109	14373799	0.9	**13917.3617**	1042.3905	7.5	ug/L
	C	13	2396	4639	1.9				mg/L
	S	34	451188	762625	0.8				mg/L
	V	51	2491	123535	0.7	**73.3970**	1.3849	1.9	ug/L
	Cr	52	11737	82463	0.4	**45.0420**	0.7118	1.6	ug/L
	Mn	55	1486	1320533	1.4	**527.7106**	14.3269	2.7	ug/L
	Co	59	108	12315	0.5	**6.5505**	0.0611	0.9	ug/L
	Ni	60	248	15703	1.1	**36.3408**	0.1934	0.5	ug/L
	Cu	65	117	19171	1.3	**41.0330**	0.9688	2.4	ug/L
	Zn	66	32	1088416	0.8	**4029.0037**	76.2362	1.9	ug/L
>	**Ge**	73	75003	64128	1.3				ug/L
	As	75	170	19500	1.2	**58.8343**	1.3826	2.3	ug/L
	Se	82	47	164	16.3	**3.4285**	0.6818	19.9	ug/L
	Mo	98	46	3781	3.3	**3.3541**	0.1512	4.5	ug/L
	Ag	107	81	155	12.4	**0.0570**	0.0122	21.4	ug/L
	Cd	111	6	351	8.5	**0.8966**	0.0713	8.0	ug/L
	Cd	114	28	789	5.8	**0.9027**	0.0600	6.7	ug/L
>	**In**	115	303952	252315	0.9				ug/L
	Sb	121	90	287	7.9	**0.1798**	0.0177	9.9	ug/L
	Ba	138	512	655239	0.9	**184.0700**	3.2788	1.8	ug/L
	Tl	205	32	431	5.3	**0.1181**	0.0044	3.8	ug/L
	Pb	208	726	186632	1.2	**37.7277**	1.1021	2.9	ug/L
>	**Bi**	209	284732	237576	1.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	81.902
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	85.502
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	83.012
Sb	
Ba	
Tl	
Pb	
Bi	83.439

Method 200.8 - Summary Report

Sample ID: TEST CCV_3

Sample Date/Time: Thursday, March 30, 2006 14:02:41
Sample Type: Sample
Sample Description: Calibration Verif. (100 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV_3.046
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	50286	6.6				ug/L
	Be	9	1	26277	2.7	**105.9449**	4.2109	4.0	ug/L
	Al	27	16109	1002515	0.2	**104.7988**	6.8378	6.5	ug/L
	C	13	2396	2601	3.2				mg/L
	S	34	451188	345999	1.0				mg/L
	V	51	2491	1576387	0.5	**106.1281**	1.0250	1.0	ug/L
	Cr	52	11737	1448913	0.7	**99.8400**	0.7359	0.7	ug/L
	Mn	55	1486	2277696	0.8	**101.5185**	0.6768	0.7	ug/L
	Co	59	108	1658903	0.6	**99.1360**	1.8574	1.9	ug/L
	Ni	60	248	374681	1.4	**97.9765**	2.2034	2.2	ug/L
	Cu	65	117	422345	0.3	**101.2963**	1.4506	1.4	ug/L
	Zn	66	32	255300	0.4	**105.3666**	1.7434	1.7	ug/L
>	**Ge**	73	75003	57513	1.3				ug/L
	As	75	170	286482	0.7	**97.0447**	1.0211	1.1	ug/L
	Se	82	47	29550	1.2	**99.7927**	2.5335	2.5	ug/L
	Mo	98	46	946530	0.6	**108.2549**	0.7292	0.7	ug/L
	Ag	107	81	1525699	0.7	**106.0503**	0.7313	0.7	ug/L
	Cd	111	6	380881	0.3	**106.0048**	0.3258	0.3	ug/L
	Cd	114	28	835104	0.5	**105.5805**	0.5619	0.5	ug/L
>	**In**	115	303952	234980	0.2				ug/L
	Sb	121	90	1039764	1.0	**94.5811**	0.9600	1.0	ug/L
	Ba	138	512	3663980	0.9	**103.4452**	0.7699	0.7	ug/L
	Tl	205	32	3040029	0.4	**100.7155**	0.7660	0.8	ug/L
	Pb	208	726	4649285	0.6	**99.4759**	1.7919	1.8	ug/L
>	**Bi**	209	284732	252875	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	74.968
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	76.681
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	77.308
Sb	
Ba	
Tl	
Pb	
Bi	88.812

Method 200.8 - Summary Report

Sample ID: TEST CCB_3

Sample Date/Time: Thursday, March 30, 2006 14:46:41
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB_3.047
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	48922	6.3				ug/L
	Be	9	1	2	43.3	**0.0059**	0.0043	72.7	ug/L
	Al	27	16109	11984	2.7	**0.0275**	0.0461	167.7	ug/L
	C	13	2396	2255	3.8				mg/L
	S	34	451188	341569	2.3				mg/L
	V	51	2491	2164	20.8	**0.0106**	0.0296	278.9	ug/L
	Cr	52	11737	9070	0.8	**-0.0233**	0.0137	59.0	ug/L
	Mn	55	1486	1682	6.5	**0.0208**	0.0052	24.8	ug/L
	Co	59	108	99	15.1	**0.0007**	0.0007	105.4	ug/L
	Ni	60	248	183	16.9	**-0.0042**	0.0068	160.0	ug/L
	Cu	65	117	209	13.7	**0.0265**	0.0075	28.5	ug/L
	Zn	66	32	69	49.1	**0.0174**	0.0138	79.0	ug/L
>	**Ge**	73	75003	60218	2.1				ug/L
	As	75	170	153	73.0	**0.0052**	0.0382	729.9	ug/L
	Se	82	47	30	52.5	**-0.0258**	0.0513	199.0	ug/L
	Mo	98	46	121	5.0	**0.0095**	0.0007	7.9	ug/L
	Ag	107	81	52	4.9	**-0.0008**	0.0002	24.5	ug/L
	Cd	111	6	7	35.3	**0.0007**	0.0007	104.1	ug/L
	Cd	114	28	46	14.9	**0.0029**	0.0009	30.3	ug/L
>	**In**	115	303952	239902	0.8				ug/L
	Sb	121	90	117	20.8	**0.0040**	0.0022	53.2	ug/L
	Ba	138	512	491	5.9	**0.0024**	0.0009	35.7	ug/L
	Tl	205	32	106	9.6	**0.0026**	0.0003	13.4	ug/L
	Pb	208	726	589	4.1	**-0.0011**	0.0005	50.6	ug/L
>	**Bi**	209	284732	250471	0.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	72.934
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	80.287
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	78.928
Sb	
Ba	
Tl	
Pb	
Bi	87.967

Method 200.8 - Summary Report

Sample ID: 200.8_MBLANK

Sample Date/Time: Thursday, March 30, 2006 14:50:09
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_MBLANK.048
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	67077	44852	4.8				ug/L
	Be	9	1	3	91.7	**0.0089**	0.0110	124.2	ug/L
	Al	27	16109	37196	0.6	**3.1326**	0.2143	6.8	ug/L
	C	13	2396	9408	0.4				mg/L
	S	34	451188	334376	1.2				mg/L
	V	51	2491	-4396	23.8	**-0.4129**	0.0659	16.0	ug/L
	Cr	52	11737	14053	1.1	**0.3114**	0.0135	4.3	ug/L
	Mn	55	1486	2816	5.8	**0.0697**	0.0072	10.4	ug/L
	Co	59	108	160	9.9	**0.0042**	0.0009	21.3	ug/L
	Ni	60	248	412	5.4	**0.0536**	0.0052	9.7	ug/L
	Cu	65	117	367	1.4	**0.0630**	0.0010	1.6	ug/L
	Zn	66	32	7603	0.8	**3.0023**	0.0123	0.4	ug/L
>	**Ge**	73	75003	59910	0.6				ug/L
	As	75	170	-292	94.6	**-0.1519**	0.0982	64.7	ug/L
	Se	82	47	69	23.5	**0.1012**	0.0526	52.0	ug/L
	Mo	98	46	179	6.4	**0.0158**	0.0014	8.8	ug/L
	Ag	107	81	246	6.7	**0.0123**	0.0011	8.9	ug/L
	Cd	111	6	13	33.1	**0.0023**	0.0012	51.8	ug/L
	Cd	114	28	36	5.0	**0.0018**	0.0002	11.5	ug/L
>	**In**	115	303952	241402	0.6				ug/L
	Sb	121	90	704	4.1	**0.0560**	0.0028	5.0	ug/L
	Ba	138	512	3561	3.4	**0.0867**	0.0038	4.4	ug/L
	Tl	205	32	53	36.5	**0.0008**	0.0006	78.4	ug/L
	Pb	208	726	1997	3.0	**0.0290**	0.0015	5.2	ug/L
>	**Bi**	209	284732	252528	0.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	66.867
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	79.877
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	79.421
Sb	
Ba	
Tl	
Pb	
Bi	88.690

Method 200.8 - Summary Report

Sample ID: 200.8_LFB

Sample Date/Time: Thursday, March 30, 2006 14:52:42
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_LFB.049
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	49197	4.8				ug/L
|	**Be**	9	1	1212	6.8	**4.9813**	0.1213	2.4	ug/L
L	**Al**	27	16109	1838147	1.9	**197.3263**	11.9819	6.1	ug/L
	C	13	2396	11457	1.4				mg/L
	S	34	451188	356925	1.1				mg/L
[	**V**	51	2491	1505986	2.0	**98.8587**	1.2480	1.3	ug/L
|	**Cr**	52	11737	1389107	1.9	**93.3013**	1.0384	1.1	ug/L
|	**Mn**	55	1486	1100369	1.0	**47.8041**	0.5437	1.1	ug/L
|	**Co**	59	108	1628002	3.0	**94.8746**	3.0606	3.2	ug/L
|	**Ni**	60	248	186644	1.4	**47.5675**	0.6993	1.5	ug/L
|	**Cu**	65	117	419795	1.6	**98.1815**	1.2016	1.2	ug/L
|	**Zn**	66	32	262328	1.1	**105.5777**	1.1728	1.1	ug/L
\>	**Ge**	73	75003	58971	0.9				ug/L
|	**As**	75	170	56886	1.7	**20.4888**	0.3531	1.7	ug/L
L	**Se**	82	47	6203	2.9	**20.3284**	0.6311	3.1	ug/L
[	**Mo**	98	46	922565	0.9	**100.4527**	0.1810	0.2	ug/L
|	**Ag**	107	81	782191	0.7	**51.7599**	0.1423	0.3	ug/L
|	**Cd**	111	6	77539	0.6	**20.5444**	0.0145	0.1	ug/L
|	**Cd**	114	28	171753	0.9	**20.6706**	0.0328	0.2	ug/L
\>	**In**	115	303952	246817	0.7				ug/L
|	**Sb**	121	90	537270	0.7	**46.5260**	0.3807	0.8	ug/L
L	**Ba**	138	512	3567623	1.1	**95.8926**	0.4066	0.4	ug/L
[	**Tl**	205	32	675314	1.7	**21.3040**	0.3105	1.5	ug/L
|	**Pb**	208	726	981682	1.8	**19.9893**	0.3796	1.9	ug/L
L>	**Bi**	209	284732	265541	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	73.344
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	78.625
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	81.203
Sb	
Ba	
Tl	
Pb	
Bi	93.260

Method 200.8 - Summary Report

Sample ID: 200.8_LFBD

Sample Date/Time: Thursday, March 30, 2006 14:54:04
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_LFBD.050
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	67077	49516	4.8				ug/L
|	**Be**	9	1	1265	4.2	**5.1667**	0.0856	1.7	ug/L
L	**Al**	27	16109	1922899	0.3	**205.0731**	9.8123	4.8	ug/L
	C	13	2396	12192	0.9				mg/L
	S	34	451188	361649	1.2				mg/L
[	**V**	51	2491	1565134	2.3	**101.8070**	3.6714	3.6	ug/L
|	**Cr**	52	11737	1441543	1.3	**95.9417**	2.2028	2.3	ug/L
|	**Mn**	55	1486	1140090	1.1	**49.0689**	1.2087	2.5	ug/L
|	**Co**	59	108	1692865	1.4	**97.7319**	2.5923	2.7	ug/L
|	**Ni**	60	248	192571	1.2	**48.6223**	1.2636	2.6	ug/L
|	**Cu**	65	117	432814	1.0	**100.2820**	2.0804	2.1	ug/L
|	**Zn**	66	32	269127	0.6	**107.2927**	1.4731	1.4	ug/L
|>	**Ge**	73	75003	59538	1.4				ug/L
|	**As**	75	170	58170	1.4	**20.7571**	0.5674	2.7	ug/L
L	**Se**	82	47	6376	2.5	**20.7033**	0.7698	3.7	ug/L
[	**Mo**	98	46	935579	0.4	**101.0406**	1.0405	1.0	ug/L
|	**Ag**	107	81	799162	0.3	**52.4518**	0.4554	0.9	ug/L
|	**Cd**	111	6	79382	0.4	**20.8611**	0.1954	0.9	ug/L
|	**Cd**	114	28	174840	0.5	**20.8705**	0.1622	0.8	ug/L
|>	**In**	115	303952	248854	0.6				ug/L
|	**Sb**	121	90	543275	0.3	**46.6612**	0.3622	0.8	ug/L
L	**Ba**	138	512	3647197	0.3	**97.2323**	0.4745	0.5	ug/L
[	**Tl**	205	32	695305	0.8	**21.5192**	0.2576	1.2	ug/L
|	**Pb**	208	726	1014342	0.6	**20.2627**	0.2409	1.2	ug/L
L>	**Bi**	209	284732	270678	0.7				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	73.819
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	79.381
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	81.873
Sb	
Ba	
Tl	
Pb	
Bi	95.064

Method 200.8 - Summary Report

Sample ID: 2603170065

Sample Date/Time: Thursday, March 30, 2006 15:00:15
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603170065.051
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	36647	6.3				ug/L
	Be	9	4	4	49.5	**-0.0007**	0.0106	1503.4	ug/L
	Al	27	10715	85569	2.2	**10.0752**	0.6818	6.8	ug/L
	C	13	2484	13467	0.6				mg/L
	S	34	307948	307102	1.4				mg/L
	V	51	2471	-291	559.4	**-0.2058**	0.1257	61.1	ug/L
	Cr	52	8673	18992	3.2	**0.8461**	0.0430	5.1	ug/L
	Mn	55	2074	1250469	0.7	**63.8044**	0.3248	0.5	ug/L
	Co	59	295	5046	3.3	**0.3261**	0.0112	3.4	ug/L
	Ni	60	192	6011	2.4	**1.7467**	0.0351	2.0	ug/L
	Cu	65	269	1272	2.1	**0.2785**	0.0063	2.3	ug/L
	Zn	66	142	7598	0.9	**3.5291**	0.0203	0.6	ug/L
>	**Ge**	73	52162	50181	0.5				ug/L
	As	75	196	11099	5.1	**4.6287**	0.2295	5.0	ug/L
	Se	82	55	3757	2.4	**14.3530**	0.3787	2.6	ug/L
	Mo	98	847	3836	3.2	**0.3689**	0.0105	2.9	ug/L
	Ag	107	163	355	6.2	**0.0147**	0.0017	11.3	ug/L
	Cd	111	13	38	11.1	**0.0076**	0.0013	16.7	ug/L
	Cd	114	41	69	17.1	**0.0039**	0.0015	38.4	ug/L
>	**In**	115	227728	219861	1.3				ug/L
	Sb	121	198	890	0.6	**0.0680**	0.0017	2.5	ug/L
	Ba	138	1109	677948	0.7	**20.4279**	0.1327	0.6	ug/L
	Tl	205	301	549	8.5	**0.0108**	0.0021	19.6	ug/L
	Pb	208	623	2547	1.0	**0.0507**	0.0013	2.6	ug/L
>	**Bi**	209	228647	210653	1.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	105.873
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	96.201
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	96.545
Sb	
Ba	
Tl	
Pb	
Bi	92.130

Method 200.8 - Summary Report

Sample ID: 2603170065MS

Sample Date/Time: Thursday, March 30, 2006 15:03:01
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603170065MS.052
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	33501	7.5				ug/L
	Be	9	4	843	3.8	**4.6275**	0.2393	5.2	ug/L
	Al	27	10715	1349201	0.4	**198.9601**	13.9246	7.0	ug/L
	C	13	2484	12432	1.0				mg/L
	S	34	307948	292934	1.6				mg/L
	V	51	2471	1192681	0.8	**96.8962**	0.9183	0.9	ug/L
	Cr	52	8673	1058063	0.5	**87.9306**	0.7131	0.8	ug/L
	Mn	55	2074	1936606	0.5	**107.1882**	0.3203	0.3	ug/L
	Co	59	295	1233683	0.2	**95.5745**	0.4795	0.5	ug/L
	Ni	60	192	141603	0.3	**47.1417**	0.4012	0.9	ug/L
	Cu	65	269	311188	0.3	**90.0739**	0.8722	1.0	ug/L
	Zn	66	142	200604	0.3	**99.9161**	0.5299	0.5	ug/L
>	**Ge**	73	52162	47624	0.6				ug/L
	As	75	196	59477	0.5	**26.5084**	0.1231	0.5	ug/L
	Se	82	55	8777	2.0	**35.6323**	0.9436	2.6	ug/L
	Mo	98	847	852801	0.4	**105.9210**	0.6596	0.6	ug/L
	Ag	107	163	637508	1.0	**48.1547**	0.1564	0.3	ug/L
	Cd	111	13	66934	0.5	**20.2452**	0.1208	0.6	ug/L
	Cd	114	41	148668	1.5	**20.4240**	0.0991	0.5	ug/L
>	**In**	115	227728	216189	1.0				ug/L
	Sb	121	198	490378	1.3	**48.4681**	0.3291	0.7	ug/L
	Ba	138	1109	3683977	1.2	**113.0303**	0.6030	0.5	ug/L
	Tl	205	301	539405	0.9	**22.1314**	0.1896	0.9	ug/L
	Pb	208	623	780471	0.8	**20.6770**	0.1132	0.5	ug/L
>	**Bi**	209	228647	204078	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	96.785
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	91.300
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	94.933
Sb	
Ba	
Tl	
Pb	
Bi	89.255

Method 200.8 - Summary Report

Sample ID: 2603170065MSD

Sample Date/Time: Thursday, March 30, 2006 15:04:23
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603170065MSD.053
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	32938	5.7				ug/L
	Be	9	4	927	0.8	**5.1784**	0.3262	6.3	ug/L
	Al	27	10715	1366082	0.9	**204.5994**	9.9651	4.9	ug/L
	C	13	2484	12722	1.3				mg/L
	S	34	307948	294492	0.7				mg/L
	V	51	2471	1192004	1.7	**96.2002**	0.9135	0.9	ug/L
	Cr	52	8673	1073666	0.4	**88.6493**	0.4891	0.6	ug/L
	Mn	55	2074	2006545	2.6	**110.3360**	2.6413	2.4	ug/L
	Co	59	295	1270476	0.5	**97.7820**	0.4485	0.5	ug/L
	Ni	60	192	145349	1.1	**48.0715**	0.2620	0.5	ug/L
	Cu	65	269	320068	0.7	**92.0374**	0.2527	0.3	ug/L
	Zn	66	142	203014	1.1	**100.4531**	0.5877	0.6	ug/L
>	**Ge**	73	52162	47938	0.8				ug/L
	As	75	196	61028	1.2	**27.0232**	0.2425	0.9	ug/L
	Se	82	55	8941	3.0	**36.0536**	0.8858	2.5	ug/L
	Mo	98	847	865516	0.7	**106.4333**	0.2719	0.3	ug/L
	Ag	107	163	649017	0.3	**48.5404**	0.2946	0.6	ug/L
	Cd	111	13	68557	0.6	**20.5306**	0.1010	0.5	ug/L
	Cd	114	41	150875	0.5	**20.5230**	0.0957	0.5	ug/L
>	**In**	115	227728	218349	0.7				ug/L
	Sb	121	198	496427	0.3	**48.5820**	0.2586	0.5	ug/L
	Ba	138	1109	3759461	0.4	**114.2080**	0.3806	0.3	ug/L
	Tl	205	301	553504	1.2	**22.5455**	0.0377	0.2	ug/L
	Pb	208	623	793290	0.8	**20.8653**	0.1092	0.5	ug/L
>	**Bi**	209	228647	205569	1.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	95.158
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	91.901
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	95.881
Sb	
Ba	
Tl	
Pb	
Bi	89.907

Method 200.8 - Summary Report

Sample ID: 2603180007

Sample Date/Time: Thursday, March 30, 2006 15:16:06
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603180007.054
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	38386	5.0				ug/L
	Be	9	4	14	69.3	**0.0446**	0.0417	93.6	ug/L
	Al	27	10715	402551	1.3	**50.5992**	3.2088	6.3	ug/L
	C	13	2484	12309	2.8				mg/L
	S	34	307948	726234	0.1				mg/L
	V	51	2471	26074	13.1	**1.7203**	0.2619	15.2	ug/L
	Cr	52	8673	29518	1.4	**1.5531**	0.0508	3.3	ug/L
	Mn	55	2074	4850049	1.3	**240.8857**	5.2206	2.2	ug/L
	Co	59	295	6425	0.5	**0.4255**	0.0027	0.6	ug/L
	Ni	60	192	7594	2.1	**2.2106**	0.0304	1.4	ug/L
	Cu	65	269	24966	1.1	**6.4127**	0.0581	0.9	ug/L
	Zn	66	142	21726	0.8	**9.6440**	0.1535	1.6	ug/L
>	**Ge**	73	52162	53121	1.1				ug/L
	As	75	196	707	47.9	**0.2039**	0.1372	67.3	ug/L
	Se	82	55	255	7.6	**0.7305**	0.0733	10.0	ug/L
	Mo	98	847	2071	7.4	**0.1436**	0.0177	12.3	ug/L
	Ag	107	163	519	11.1	**0.0254**	0.0040	15.8	ug/L
	Cd	111	13	92	12.7	**0.0226**	0.0033	14.8	ug/L
	Cd	114	41	177	8.4	**0.0176**	0.0019	10.7	ug/L
>	**In**	115	227728	228573	0.3				ug/L
	Sb	121	198	1077	3.9	**0.0821**	0.0037	4.5	ug/L
	Ba	138	1109	11371855	0.4	**330.0702**	2.1879	0.7	ug/L
	Tl	205	301	309	22.1	**0.0002**	0.0024	1222.3	ug/L
	Pb	208	623	84442	0.5	**1.9628**	0.0230	1.2	ug/L
>	**Bi**	209	228647	231050	0.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	110.897
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	101.837
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	100.371
Sb	
Ba	
Tl	
Pb	
Bi	101.051

Method 200.8 - Summary Report

Sample ID: 200.8_MRLCHK

Sample Date/Time: Thursday, March 30, 2006 15:21:03
Sample Type: Sample
Sample Description: 200.8 Digestion (3/27/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\200.8_MRLCHK.055
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	36200	5.7				ug/L
	Be	9	4	215	8.9	**1.0762**	0.1135	10.5	ug/L
	Al	27	10715	235779	1.4	**30.8621**	2.2338	7.2	ug/L
	C	13	2484	9444	3.1				mg/L
	S	34	307948	323243	0.5				mg/L
	V	51	2471	38849	9.8	**2.6442**	0.2710	10.2	ug/L
	Cr	52	8673	27123	1.1	**1.3471**	0.0210	1.6	ug/L
	Mn	55	2074	46741	0.8	**2.1675**	0.0122	0.6	ug/L
	Co	59	295	30988	1.1	**2.1267**	0.0186	0.9	ug/L
	Ni	60	192	17553	2.3	**5.1742**	0.1104	2.1	ug/L
	Cu	65	269	8797	3.3	**2.2079**	0.0711	3.2	ug/L
	Zn	66	142	16497	2.0	**7.2888**	0.1310	1.8	ug/L
>	**Ge**	73	52162	53248	0.2				ug/L
	As	75	196	2676	7.6	**0.9901**	0.0798	8.1	ug/L
	Se	82	55	1403	5.2	**4.9201**	0.2588	5.3	ug/L
	Mo	98	847	18685	1.2	**2.1075**	0.0156	0.7	ug/L
	Ag	107	163	7437	0.2	**0.5223**	0.0031	0.6	ug/L
	Cd	111	13	1852	2.6	**0.5287**	0.0111	2.1	ug/L
	Cd	114	41	4166	2.6	**0.5387**	0.0137	2.5	ug/L
>	**In**	115	227728	227481	0.5				ug/L
	Sb	121	198	11085	0.5	**1.0231**	0.0053	0.5	ug/L
	Ba	138	1109	82262	0.5	**2.3671**	0.0240	1.0	ug/L
	Tl	205	301	31469	1.7	**1.1132**	0.0205	1.8	ug/L
	Pb	208	623	25957	0.5	**0.5841**	0.0021	0.4	ug/L
>	**Bi**	209	228647	234505	0.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	104.583
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	102.081
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	99.891
Sb	
Ba	
Tl	
Pb	
Bi	102.562

Method 200.8 - Summary Report

Sample ID: TEST CCV_4

Sample Date/Time: Thursday, March 30, 2006 15:24:20
Sample Type: Sample
Sample Description: Calibration Verif. (20 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV_4.056
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	34614	34546	6.1				ug/L
|	**Be**	9	4	3832	0.9	**20.4692**	1.0522	5.1	ug/L
|	**Al**	27	10715	146561	1.3	**19.5653**	1.3495	6.9	ug/L
	C	13	2484	2479	4.9				mg/L
	S	34	307948	313065	0.3				mg/L
[	**V**	51	2471	266063	1.3	**19.3325**	0.5538	2.9	ug/L
|	**Cr**	52	8673	247600	0.8	**18.0174**	0.3178	1.8	ug/L
|	**Mn**	55	2074	372917	1.0	**18.4760**	0.4362	2.4	ug/L
|	**Co**	59	295	286366	1.3	**19.9721**	0.3007	1.5	ug/L
|	**Ni**	60	192	63274	0.9	**18.9455**	0.3666	1.9	ug/L
|	**Cu**	65	269	73345	0.6	**19.0736**	0.3766	2.0	ug/L
|	**Zn**	66	142	43827	0.2	**19.6176**	0.3388	1.7	ug/L
|>	**Ge**	73	52162	52861	1.5				ug/L
|	**As**	75	196	51115	1.2	**20.5115**	0.5361	2.6	ug/L
[	**Se**	82	55	5343	1.6	**19.4530**	0.5623	2.9	ug/L
[	**Mo**	98	847	175298	1.9	**20.3303**	0.4653	2.3	ug/L
|	**Ag**	107	163	289657	1.7	**20.5050**	0.4095	2.0	ug/L
|	**Cd**	111	13	69772	2.6	**19.7841**	0.5896	3.0	ug/L
|	**Cd**	114	41	155028	1.4	**19.9668**	0.3540	1.8	ug/L
|>	**In**	115	227728	230615	0.4				ug/L
|	**Sb**	121	198	211927	1.8	**19.6263**	0.4218	2.1	ug/L
[	**Ba**	138	1109	675707	0.8	**19.4088**	0.2236	1.2	ug/L
[	**Tl**	205	301	592433	1.6	**21.3021**	0.4036	1.9	ug/L
|	**Pb**	208	623	853352	1.0	**19.8126**	0.2316	1.2	ug/L
[>	**Bi**	209	228647	232868	0.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	99.805
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	101.340
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	101.268
Sb	
Ba	
Tl	
Pb	
Bi	101.846

Method 200.8 - Summary Report

Sample ID: TEST CCB_4

Sample Date/Time: Thursday, March 30, 2006 15:32:06
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\QIKTESTER.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	34614	38190	5.9				ug/L
	Be	9	4	3	86.6	**-0.0051**	0.0126	247.2	ug/L
	Al	27	10715	11104	2.7	**-0.0906**	0.0773	85.4	ug/L
	C	13	2484	2411	1.3				mg/L
	S	34	307948	348133	0.8				mg/L
	V	51	2471	2516	4.7	**-0.0133**	0.0094	71.0	ug/L
	Cr	52	8673	9202	1.9	**-0.0224**	0.0122	54.6	ug/L
	Mn	55	2074	1945	0.9	**-0.0598**	0.0012	1.9	ug/L
	Co	59	295	162	14.2	**-0.0104**	0.0015	14.1	ug/L
	Ni	60	192	223	3.5	**0.0032**	0.0017	54.0	ug/L
	Cu	65	269	240	15.1	**-0.0133**	0.0087	65.8	ug/L
	Zn	66	142	119	21.5	**-0.0154**	0.0102	66.2	ug/L
>	**Ge**	73	52162	57276	0.8				ug/L
	As	75	196	123	39.6	**-0.0340**	0.0183	53.7	ug/L
	Se	82	55	31	60.0	**-0.0983**	0.0630	64.1	ug/L
	Mo	98	847	252	12.5	**-0.0724**	0.0034	4.6	ug/L
	Ag	107	163	111	18.8	**-0.0043**	0.0014	31.6	ug/L
	Cd	111	13	22	33.8	**0.0023**	0.0020	89.1	ug/L
	Cd	114	41	56	30.5	**0.0014**	0.0020	148.1	ug/L
>	**In**	115	227728	245398	0.3				ug/L
	Sb	121	198	269	1.9	**0.0049**	0.0004	7.6	ug/L
	Ba	138	1109	980	5.6	**-0.0058**	0.0015	26.5	ug/L
	Tl	205	301	195	10.7	**-0.0046**	0.0006	13.8	ug/L
	Pb	208	623	729	5.5	**0.0008**	0.0008	93.9	ug/L
>	**Bi**	209	228647	253670	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	110.331
Be	
Al	
C	
S	
V	
Cr	
Mn	

Co	
Ni	
Cu	
Zn	
Ge	109.803
As	
Se	
Mo	
Ag	
Cd	
Cd	
In	107.759
Sb	
Ba	
Tl	
Pb	
Bi	110.944

Method 200.8 - Summary Report

Sample ID: ICPMS LFB

Sample Date/Time: Thursday, March 30, 2006 15:38:36
Sample Type: Sample
Sample Description: EM Mix (ME0503020 : 1/1000)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\ICPMS LFB.058
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	37279	5.4				ug/L
[	**Al**	27	11767	1752456	0.4	**197.8849**	9.9401	5.0	ug/L
	C	13	2125	1877	2.4				mg/L
	S	34	351980	378603	0.9				mg/L
[	**Cr**	52	9212	1357752	0.5	**94.8486**	1.0211	1.1	ug/L
|	**Mn**	55	1752	1092626	0.5	**50.4978**	0.1392	0.3	ug/L
|	**Cu**	65	210	423438	0.9	**96.8672**	0.7659	0.8	ug/L
|	**Zn**	66	66	250682	1.1	**95.9990**	1.5300	1.6	ug/L
[>	**Ge**	73	58109	60206	0.6				ug/L
[	**Mo**	98	180	945855	0.7	**96.7884**	1.3967	1.4	ug/L
|>	**In**	115	250270	256699	1.0				ug/L
[	**Sb**	121	181	599185	1.3	**49.9279**	0.8632	1.7	ug/L
[	**Pb**	208	638	999627	0.3	**20.7896**	0.1621	0.8	ug/L
[>	**Bi**	209	233627	248786	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	104.591
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	103.609
Mo	
In	102.569
Sb	
Pb	
Bi	106.488

Method 200.8 - Summary Report

Sample ID: ICPMS LFBD

Sample Date/Time: Thursday, March 30, 2006 15:39:26
Sample Type: Sample
Sample Description: EM Mix (ME0503020 : 1/1000)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\ICPMS LFBD.059
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	35643	37615	7.1				ug/L
⌊	**Al**	27	11767	1772910	1.2	**198.8107**	16.0011	8.0	ug/L
	C	13	2125	1846	3.9				mg/L
	S	34	351980	372360	1.2				mg/L
⌈	**Cr**	52	9212	1384659	0.5	**97.5727**	0.9053	0.9	ug/L
|	**Mn**	55	1752	1094695	1.3	**51.0248**	0.3376	0.7	ug/L
|	**Cu**	65	210	428520	0.8	**98.8718**	1.2223	1.2	ug/L
|	**Zn**	66	66	253690	0.9	**97.9762**	0.6770	0.7	ug/L
⌊>	**Ge**	73	58109	59696	0.7				ug/L
⌈	**Mo**	98	180	961041	0.1	**98.3087**	0.8329	0.8	ug/L
|>	**In**	115	250270	256778	0.9				ug/L
⌊	**Sb**	121	181	613202	0.8	**51.0816**	0.8700	1.7	ug/L
⌈	**Pb**	208	638	1017376	0.4	**21.5551**	0.2172	1.0	ug/L
⌊>	**Bi**	209	233627	244230	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	105.534
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	102.731
Mo	
In	102.600
Sb	
Pb	
Bi	104.538

Method 200.8 - Summary Report

Sample ID: ICPMS LFBD

Sample Date/Time: Thursday, March 30, 2006 15:39:26
Sample Type: Sample
Sample Description: EM Mix (ME0503020 : 1/1000)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\ICPMS LFBD.059
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	37615	7.1				ug/L
[	**Al**	27	11767	1772910	1.2	**198.8107**	16.0011	8.0	ug/L
	C	13	2125	1846	3.9				mg/L
	S	34	351980	372360	1.2				mg/L
[	**Cr**	52	9212	1384659	0.5	**97.5727**	0.9053	0.9	ug/L
|	**Mn**	55	1752	1094695	1.3	**51.0248**	0.3376	0.7	ug/L
|	**Cu**	65	210	428520	0.8	**98.8718**	1.2223	1.2	ug/L
|	**Zn**	66	66	253690	0.9	**97.9762**	0.6770	0.7	ug/L
[>	**Ge**	73	58109	59696	0.7				ug/L
[	**Mo**	98	180	961041	0.1	**98.3087**	0.8329	0.8	ug/L
|>	**In**	115	250270	256778	0.9				ug/L
[	**Sb**	121	181	613202	0.8	**51.0816**	0.8700	1.7	ug/L
[	**Pb**	208	638	1017376	0.4	**21.5551**	0.2172	1.0	ug/L
[>	**Bi**	209	233627	244230	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	105.534
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	102.731
Mo	
In	102.600
Sb	
Pb	
Bi	104.538

Method 200.8 - Summary Report

Sample ID: 2603210141

Sample Date/Time: Thursday, March 30, 2006 15:52:54
Sample Type: Sample
Sample Description: Undigested (0.06 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210141.061
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	35015	9.5				ug/L
[	**Al**	27	11767	15030	1.8	**0.4281**	0.1376	32.2	ug/L
	C	13	2125	2687	2.7				mg/L
	S	34	351980	336015	1.2				mg/L
[	**Cr**	52	9212	9455	1.2	**0.0361**	0.0221	61.2	ug/L
|	**Mn**	55	1752	2227	3.8	**0.0256**	0.0050	19.4	ug/L
|	**Cu**	65	210	144	16.8	**-0.0149**	0.0052	34.9	ug/L
|	**Zn**	66	66	532	6.6	**0.1909**	0.0156	8.1	ug/L
[>	**Ge**	73	58109	56622	2.1				ug/L
[	**Mo**	98	180	26286	0.4	**2.7360**	0.1301	4.8	ug/L
|>	**In**	115	250270	251044	4.8				ug/L
[	**Sb**	121	181	794	2.5	**0.0524**	0.0045	8.6	ug/L
[	**Pb**	208	638	1026	6.1	**0.0092**	0.0001	0.8	ug/L
[>	**Bi**	209	233627	227330	5.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	98.239
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	97.441
Mo	
In	100.309
Sb	
Pb	
Bi	97.305

Method 200.8 - Summary Report

Sample ID: 2603210141_MS

Sample Date/Time: Thursday, March 30, 2006 15:57:43
Sample Type: Sample
Sample Description: Undigested (Matrix Spike)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210141_MS.062
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	35643	35987	6.5				ug/L
⌊	**Al**	27	11767	1667566	0.6	**195.2619**	13.3764	6.9	ug/L
	C	13	2125	2726	3.7				mg/L
	S	34	351980	348608	1.2				mg/L
⌈	**Cr**	52	9212	1296470	0.7	**96.0720**	1.2271	1.3	ug/L
|	**Mn**	55	1752	1028195	1.4	**50.4022**	0.5859	1.2	ug/L
|	**Cu**	65	210	403639	0.8	**97.9413**	0.7990	0.8	ug/L
|	**Zn**	66	66	244561	0.5	**99.3342**	0.5409	0.5	ug/L
⌊>	**Ge**	73	58109	56763	0.8				ug/L
⌈	**Mo**	98	180	943161	0.2	**100.4322**	0.4830	0.5	ug/L
|>	**In**	115	250270	246666	0.6				ug/L
⌊	**Sb**	121	181	589636	0.7	**51.1278**	0.3855	0.8	ug/L
⌈	**Pb**	208	638	952976	1.3	**21.2626**	0.0995	0.5	ug/L
⌊>	**Bi**	209	233627	231891	0.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	100.966
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	97.683
Mo	
In	98.560
Sb	
Pb	
Bi	99.257

Method 200.8 - Summary Report

Sample ID: 2603210141_MSD

Sample Date/Time: Thursday, March 30, 2006 15:58:31
Sample Type: Sample
Sample Description: Undigested (Matrix Spike)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210141_MSD.063
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	36014	6.5				ug/L
[	**Al**	27	11767	1714209	1.2	**200.5077**	11.3918	5.7	ug/L
	C	13	2125	2874	3.8				mg/L
	S	34	351980	349979	0.3				mg/L
[	**Cr**	52	9212	1309808	1.1	**96.5225**	0.6018	0.6	ug/L
|	**Mn**	55	1752	1046248	2.1	**50.9998**	0.3011	0.6	ug/L
|	**Cu**	65	210	407962	0.5	**98.4488**	1.1605	1.2	ug/L
|	**Zn**	66	66	250540	1.4	**101.2071**	1.8171	1.8	ug/L
[>	**Ge**	73	58109	57081	1.7				ug/L
[	**Mo**	98	180	961329	0.5	**101.9664**	0.3331	0.3	ug/L
|>	**In**	115	250270	247635	0.8				ug/L
[	**Sb**	121	181	601499	0.2	**51.9544**	0.4838	0.9	ug/L
[	**Pb**	208	638	973804	1.0	**21.6926**	0.1688	0.8	ug/L
[>	**Bi**	209	233627	232270	0.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	101.041
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	98.231
Mo	
In	98.947
Sb	
Pb	
Bi	99.419

Method 200.8 - Summary Report

Sample ID: 2603170004

Sample Date/Time: Thursday, March 30, 2006 16:04:10
Sample Type: Sample
Sample Description: Undigested (0.07 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603170004.064
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	35643	33529	7.3				ug/L
⌊	**Al**	27	11767	20717	0.8	**1.2264**	0.1812	14.8	ug/L
	C	13	2125	12090	0.9				mg/L
	S	34	351980	302048	0.2				mg/L
⌈	**Cr**	52	9212	7686	0.2	**-0.0375**	0.0048	12.7	ug/L
|	**Mn**	55	1752	703169	1.5	**38.0791**	0.4434	1.2	ug/L
|	**Cu**	65	210	577	8.2	**0.1049**	0.0119	11.4	ug/L
⌊	**Zn**	66	66	1230	1.4	**0.5263**	0.0108	2.1	ug/L
⌊>	**Ge**	73	58109	51353	0.6				ug/L
⌈	**Mo**	98	180	8936	1.4	**1.0329**	0.0191	1.8	ug/L
|>	**In**	115	250270	223219	0.5				ug/L
⌊	**Sb**	121	181	477	8.2	**0.0302**	0.0036	11.9	ug/L
⌈	**Pb**	208	638	1569	2.5	**0.0276**	0.0007	2.5	ug/L
⌊>	**Bi**	209	233627	194650	0.9				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	94.069
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	88.374
Mo	
In	89.191
Sb	
Pb	
Bi	83.316

Method 200.8 - Summary Report

Sample ID: 2603150078

Sample Date/Time: Thursday, March 30, 2006 16:06:15
Sample Type: Sample
Sample Description: Undigested (0.13 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150078.065
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	34932	6.0				ug/L
[	**Al**	27	11767	428490	3.0	**50.6889**	4.5006	8.9	ug/L
	C	13	2125	14128	1.4				mg/L
	S	34	351980	590922	1.2				mg/L
[	**Cr**	52	9212	9937	3.0	**0.1121**	0.0152	13.5	ug/L
|	**Mn**	55	1752	43124	2.6	**2.1537**	0.0301	1.4	ug/L
|	**Cu**	65	210	69283	1.6	**17.7343**	0.6627	3.7	ug/L
|	**Zn**	66	66	47458	0.9	**20.3589**	0.6299	3.1	ug/L
[>	**Ge**	73	58109	53713	2.2				ug/L
[	**Mo**	98	180	4582	2.2	**0.4832**	0.0215	4.4	ug/L
|>	**In**	115	250270	239899	2.2				ug/L
[	**Sb**	121	181	786	7.3	**0.0547**	0.0063	11.5	ug/L
[	**Pb**	208	638	33815	1.4	**0.8070**	0.0201	2.5	ug/L
[>	**Bi**	209	233627	213249	1.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	98.005
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	92.434
Mo	
In	95.856
Sb	
Pb	
Bi	91.277

Method 200.8 - Summary Report

Sample ID: 2603150079

Sample Date/Time: Thursday, March 30, 2006 16:08:16
Sample Type: Sample
Sample Description: Undigested (0.10 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150079.066
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	34026	7.1				ug/L
[	**Al**	27	11767	126519	2.4	**14.3714**	0.7240	5.0	ug/L
	C	13	2125	8934	1.8				mg/L
	S	34	351980	535577	1.4				mg/L
[	**Cr**	52	9212	8735	1.0	**0.0313**	0.0049	15.8	ug/L
|	**Mn**	55	1752	3692	5.8	**0.1114**	0.0116	10.4	ug/L
|	**Cu**	65	210	4465	10.2	**1.1191**	0.1217	10.9	ug/L
|	**Zn**	66	66	7059	2.6	**3.0659**	0.0887	2.9	ug/L
[>	**Ge**	73	58109	52653	0.3				ug/L
[	**Mo**	98	180	1582	3.6	**0.1635**	0.0070	4.3	ug/L
|>	**In**	115	250270	227879	0.5				ug/L
[	**Sb**	121	181	466	12.4	**0.0283**	0.0054	19.0	ug/L
[	**Pb**	208	638	2356	2.3	**0.0462**	0.0010	2.1	ug/L
[>	**Bi**	209	233627	202080	1.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	95.464
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	90.611
Mo	
In	91.053
Sb	
Pb	
Bi	86.497

Method 200.8 - Summary Report

Sample ID: 2603150343

Sample Date/Time: Thursday, March 30, 2006 16:10:48
Sample Type: Sample
Sample Description: Undigested (0.06 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150343.067
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	35643	35482	7.4				ug/L
⌊	**Al**	27	11767	9565	12.1	**-0.2587**	0.0520	20.1	ug/L
	C	13	2125	5260	0.5				mg/L
	S	34	351980	476354	0.9				mg/L
⌈	**Cr**	52	9212	6195	1.7	**-0.1836**	0.0102	5.6	ug/L
|	**Mn**	55	1752	1798	4.9	**0.0092**	0.0063	67.8	ug/L
|	**Cu**	65	210	163	15.0	**-0.0081**	0.0055	67.2	ug/L
|	**Zn**	66	66	27	232.3	**-0.0149**	0.0261	174.9	ug/L
⌊>	**Ge**	73	58109	53805	2.7				ug/L
⌈	**Mo**	98	180	513	7.6	**0.0367**	0.0029	7.8	ug/L
|>	**In**	115	250270	242321	2.5				ug/L
⌊	**Sb**	121	181	2592	4.7	**0.2137**	0.0162	7.6	ug/L
⌈	**Pb**	208	638	437	13.0	**-0.0037**	0.0011	31.0	ug/L
⌊>	**Bi**	209	233627	215487	2.0				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	99.549
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	92.594
Mo	
In	96.824
Sb	
Pb	
Bi	92.236

Method 200.8 - Summary Report

Sample ID: 2603230001

Sample Date/Time: Thursday, March 30, 2006 16:13:22
Sample Type: Sample
Sample Description: Undigested (0.10 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603230001.068
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	35643	38671	7.0				ug/L
⌊	**Al**	27	11767	10671	3.8	**-0.2276**	0.0364	16.0	ug/L
	C	13	2125	260056	0.8				mg/L
	S	34	351980	335899	1.1				mg/L
⌈	**Cr**	52	9212	45286	2.8	**2.8650**	0.0948	3.3	ug/L
|	**Mn**	55	1752	1597	1.5	**-0.0019**	0.0019	98.9	ug/L
|	**Cu**	65	210	369	1.6	**0.0439**	0.0002	0.5	ug/L
|	**Zn**	66	66	70	57.4	**0.0037**	0.0171	468.0	ug/L
⌊>	**Ge**	73	58109	54241	1.6				ug/L
⌈	**Mo**	98	180	8430	2.4	**0.9331**	0.0489	5.2	ug/L
|>	**In**	115	250270	232872	3.3				ug/L
⌊	**Sb**	121	181	3377	1.5	**0.2951**	0.0144	4.9	ug/L
⌈	**Pb**	208	638	403	7.9	**-0.0043**	0.0006	13.2	ug/L
⌊>	**Bi**	209	233627	211123	3.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	108.497
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	93.344
Mo	
In	93.048
Sb	
Pb	
Bi	90.367

Method 200.8 - Summary Report

Sample ID: 2603210240

Sample Date/Time: Thursday, March 30, 2006 16:15:41
Sample Type: Sample
Sample Description: Undigested (0.10 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210240.069
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	39112	7.2				ug/L
[	**Al**	27	11767	28538	1.2	**1.7010**	0.2199	12.9	ug/L
	C	13	2125	265952	1.3				mg/L
	S	34	351980	335057	1.5				mg/L
[	**Cr**	52	9212	43758	3.4	**2.6453**	0.1611	6.1	ug/L
[	**Mn**	55	1752	1752	1.6	**0.0034**	0.0029	86.9	ug/L
[	**Cu**	65	210	3119255	2.1	**769.0200**	25.0178	3.3	ug/L
[	**Zn**	66	66	25231	1.5	**10.3852**	0.3349	3.2	ug/L
[>	**Ge**	73	58109	55907	1.7				ug/L
[	**Mo**	98	180	250	14.9	**0.0079**	0.0036	44.9	ug/L
[>	**In**	115	250270	245031	2.8				ug/L
[	**Sb**	121	181	522	2.4	**0.0302**	0.0020	6.7	ug/L
[	**Pb**	208	638	193605	2.9	**4.5069**	0.1391	3.1	ug/L
[>	**Bi**	209	233627	221737	1.3				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	109.733
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	96.210
Mo	
In	97.906
Sb	
Pb	
Bi	94.911

Method 200.8 - Summary Report

Sample ID: 2603210241

Sample Date/Time: Thursday, March 30, 2006 16:17:55
Sample Type: Sample
Sample Description: Undigested (0.17 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210241.070
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	37865	5.3				ug/L
[	**Al**	27	11767	395563	0.3	**42.8911**	2.3298	5.4	ug/L
	C	13	2125	35388	3.3				mg/L
	S	34	351980	861425	0.5				mg/L
[	**Cr**	52	9212	16910	1.2	**0.6249**	0.0173	2.8	ug/L
	Mn	55	1752	8682	0.5	**0.3540**	0.0057	1.6	ug/L
	Cu	65	210	76307	8.1	**18.9732**	1.3725	7.2	ug/L
	Zn	66	66	1996	3.3	**0.8071**	0.0342	4.2	ug/L
[>	**Ge**	73	58109	55252	0.9				ug/L
[	**Mo**	98	180	7670	1.6	**0.8159**	0.0143	1.8	ug/L
[>	**In**	115	250270	241369	0.7				ug/L
[	**Sb**	121	181	1303	2.3	**0.1000**	0.0021	2.1	ug/L
[	**Pb**	208	638	12606	3.6	**0.2820**	0.0101	3.6	ug/L
[>	**Bi**	209	233627	220342	0.5				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	106.233
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	95.084
Mo	
In	96.443
Sb	
Pb	
Bi	94.313

Method 200.8 - Summary Report

Sample ID: TEST MRL_Low

Sample Date/Time: Thursday, March 30, 2006 16:20:43
Sample Type: Sample
Sample Description: Calibration Check (1/5 the MRL levels)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST MRL_Low.071
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	35895	5.7				ug/L
[	**Al**	27	11767	52642	0.5	**4.8213**	0.3247	6.7	ug/L
	C	13	2125	5324	0.6				mg/L
	S	34	351980	340705	1.2				mg/L
[	**Cr**	52	9212	10665	0.1	**0.1547**	0.0120	7.7	ug/L
[	**Mn**	55	1752	9123	2.0	**0.3810**	0.0090	2.4	ug/L
[	**Cu**	65	210	2309	0.7	**0.5321**	0.0113	2.1	ug/L
[	**Zn**	66	66	2164	0.7	**0.8865**	0.0147	1.7	ug/L
[>	**Ge**	73	58109	54687	1.4				ug/L
[	**Mo**	98	180	3970	3.5	**0.4181**	0.0156	3.7	ug/L
[>	**In**	115	250270	238697	1.6				ug/L
[	**Sb**	121	181	2467	0.5	**0.2057**	0.0045	2.2	ug/L
[	**Pb**	208	638	4869	1.0	**0.1003**	0.0024	2.4	ug/L
[>	**Bi**	209	233627	220348	1.2				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	100.708
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	94.111
Mo	
In	95.376
Sb	
Pb	
Bi	94.316

Method 200.8 - Summary Report

Sample ID: TEST CCV

Sample Date/Time: Thursday, March 30, 2006 16:23:06
Sample Type: Sample
Sample Description: Calibration Verif. (50 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV.072
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	35643	36261	6.5				ug/L
	Al	27	11767	430961	1.6	**49.0019**	2.5149	5.1	ug/L
	C	13	2125	3660	1.8				mg/L
	S	34	351980	342242	0.7				mg/L
	Cr	52	9212	641739	0.6	**49.8980**	0.3681	0.7	ug/L
	Mn	55	1752	974266	1.7	**50.4362**	0.7976	1.6	ug/L
	Cu	65	210	195783	0.4	**50.1443**	0.0775	0.2	ug/L
	Zn	66	66	118092	1.0	**50.6413**	0.4163	0.8	ug/L
>	**Ge**	73	58109	53749	0.2				ug/L
	Mo	98	180	470527	1.0	**51.4330**	0.4526	0.9	ug/L
>	**In**	115	250270	240244	0.4				ug/L
	Sb	121	181	592459	0.4	**52.7455**	0.0061	0.0	ug/L
	Pb	208	638	2299450	0.6	**53.5708**	0.1370	0.3	ug/L
>	**Bi**	209	233627	222177	0.6				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	101.735
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	92.496
Mo	
In	95.994
Sb	
Pb	
Bi	95.099

Method 200.8 - Summary Report

Sample ID: TEST CCB

Sample Date/Time: Thursday, March 30, 2006 16:27:04
Sample Type: Sample
Sample Description: Calibration Verif. (50 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB.073
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	**Conc. Mean**	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	35643	35877	5.4				ug/L
[	**Al**	27	11767	15864	12.6	**0.4699**	0.1412	30.0	ug/L
	C	13	2125	2940	1.6				mg/L
	S	34	351980	334246	1.4				mg/L
[	**Cr**	52	9212	8418	2.0	**-0.0069**	0.0104	150.9	ug/L
[	**Mn**	55	1752	3228	20.7	**0.0835**	0.0331	39.7	ug/L
[	**Cu**	65	210	541	4.3	**0.0891**	0.0044	5.0	ug/L
[	**Zn**	66	66	224	24.5	**0.0702**	0.0228	32.4	ug/L
[>	**Ge**	73	58109	53655	1.1				ug/L
[	**Mo**	98	180	1948	16.9	**0.1989**	0.0353	17.8	ug/L
[>	**In**	115	250270	234900	0.7				ug/L
[	**Sb**	121	181	2423	12.7	**0.2051**	0.0265	12.9	ug/L
[	**Pb**	208	638	2196	23.1	**0.0369**	0.0114	30.9	ug/L
[>	**Bi**	209	233627	222460	0.8				ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	100.658
Al	
C	
S	
Cr	
Mn	
Cu	
Zn	
Ge	92.336
Mo	
In	93.859
Sb	
Pb	
Bi	95.220

Method 200.8 - Summary Report

Sample ID: 2603300001

Sample Date/Time: Thursday, March 30, 2006 16:31:20
Sample Type: Sample
Sample Description: Undigested (RUSH!)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603300001.074
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	60697	5.6				ug/L
[	**Al**	27	12783	8275	3.9	**-0.5175**	0.0177	3.4	ug/L
	S	34	327301	314007	0.3				mg/L
[	**Mn**	55	1971	7411	2.7	**0.2773**	0.0188	6.8	ug/L
|	**Cu**	65	246	410	5.2	**0.0406**	0.0055	13.6	ug/L
|	**Zn**	66	128	3498	5.6	**1.4059**	0.1144	8.1	ug/L
[>	**Ge**	73	52297	53619	2.4				ug/L
[	**Mo**	98	502	2488	0.5	**0.2112**	0.0076	3.6	ug/L
|>	**In**	115	225392	242563	3.3				ug/L
[	**Sb**	121	674	3224	1.8	**0.2147**	0.0057	2.6	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	97.200
Al	
S	
Mn	
Cu	
Zn	
Ge	102.526
Mo	
In	107.618
Sb	

Method 200.8 - Summary Report

Sample ID: 2603300001_MS

Sample Date/Time: Thursday, March 30, 2006 16:34:55
Sample Type: Sample
Sample Description: Undigested (Matrix Spike)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603300001_MS.075
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	59392	2.0				ug/L
[	**Al**	27	12783	1558159	0.3	**197.3158**	3.2912	1.7	ug/L
	S	34	327301	325493	0.7				mg/L
[	**Mn**	55	1971	908544	0.9	**48.7942**	0.1720	0.4	ug/L
[	**Cu**	65	246	352995	0.3	**94.6654**	1.3308	1.4	ug/L
[	**Zn**	66	128	226211	0.1	**98.7413**	1.1216	1.1	ug/L
[>	**Ge**	73	52297	51207	1.2				ug/L
[	**Mo**	98	502	828813	1.0	**96.1963**	1.2395	1.3	ug/L
[>	**In**	115	225392	226291	0.8				ug/L
[	**Sb**	121	674	545205	0.6	**50.1310**	0.5045	1.0	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	95.110
Al	
S	
Mn	
Cu	
Zn	
Ge	97.915
Mo	
In	100.399
Sb	

Method 200.8 - Summary Report

Sample ID: 2603300002

Sample Date/Time: Thursday, March 30, 2006 16:39:30
Sample Type: Sample
Sample Description: Undigested (RUSH!)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603300002.076
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	61249	0.7				ug/L
⌊	**Al**	27	12783	9917	4.8	**-0.3246**	0.0496	15.3	ug/L
	S	34	327301	324827	0.6				mg/L
⌈	**Mn**	55	1971	2252	4.3	**0.0112**	0.0074	66.0	ug/L
|	**Cu**	65	246	118	11.5	**-0.0345**	0.0037	10.8	ug/L
⌊	**Zn**	66	128	18	249.7	**-0.0470**	0.0190	40.4	ug/L
⌊>	**Ge**	73	52297	53996	2.2				ug/L
⌈	**Mo**	98	502	1061	9.1	**0.0624**	0.0150	24.1	ug/L
|>	**In**	115	225392	231419	3.2				ug/L
⌊	**Sb**	121	674	2607	5.6	**0.1727**	0.0198	11.5	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	98.084
Al	
S	
Mn	
Cu	
Zn	
Ge	103.248
Mo	
In	102.674
Sb	

Method 200.8 - Summary Report

Sample ID: 2603300003

Sample Date/Time: Thursday, March 30, 2006 16:41:34
Sample Type: Sample
Sample Description: Undigested (RUSH!)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603300003.077
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	61873	3.6				ug/L
⌊	**Al**	27	12783	7593	6.0	**-0.6218**	0.0316	5.1	ug/L
	S	34	327301	310403	0.6				mg/L
⌈	**Mn**	55	1971	1478	3.8	**-0.0270**	0.0040	14.8	ug/L
|	**Cu**	65	246	76	30.7	**-0.0449**	0.0058	12.8	ug/L
|	**Zn**	66	128	13	55.2	**-0.0493**	0.0029	5.9	ug/L
⌊>	**Ge**	73	52297	53005	1.4				ug/L
⌈	**Mo**	98	502	548	6.2	**0.0009**	0.0021	223.9	ug/L
| >	**In**	115	225392	242195	2.7				ug/L
⌊	**Sb**	121	674	1577	3.0	**0.0734**	0.0044	5.9	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	99.084
Al	
S	
Mn	
Cu	
Zn	
Ge	101.353
Mo	
In	107.455
Sb	

Method 200.8 - Summary Report

Sample ID: 2603210258

Sample Date/Time: Thursday, March 30, 2006 16:44:23
Sample Type: Sample
Sample Description: Undigested (0.30 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210258.078
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	55227	1.5				ug/L
	Al	27	12783	887115	1.0	**120.1926**	1.2108	1.0	ug/L
	S	34	327301	3558513	0.3				mg/L
	Mn	55	1971	49665	1.2	**2.8203**	0.1081	3.8	ug/L
	Cu	65	246	48835	1.0	**14.2707**	0.4826	3.4	ug/L
	Zn	66	128	671	17.1	**0.2663**	0.0613	23.0	ug/L
>	**Ge**	73	52297	46835	2.5				ug/L
	Mo	98	502	36604	0.8	**4.6523**	0.2220	4.8	ug/L
>	**In**	115	225392	204500	4.8				ug/L
	Sb	121	674	7735	3.4	**0.7277**	0.0652	9.0	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	88.440
Al	
S	
Mn	
Cu	
Zn	
Ge	89.556
Mo	
In	90.731
Sb	

Method 200.8 - Summary Report

Sample ID: 2603210259

Sample Date/Time: Thursday, March 30, 2006 16:47:52
Sample Type: Sample
Sample Description: Undigested (0.15 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210259.079
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	55667	3.1				ug/L
[	**Al**	27	12783	26635	1.5	**2.0770**	0.1249	6.0	ug/L
	S	34	327301	502880	0.9				mg/L
[	**Mn**	55	1971	3066	4.7	**0.0702**	0.0114	16.2	ug/L
[	**Cu**	65	246	1256	5.4	**0.2907**	0.0110	3.8	ug/L
[	**Zn**	66	128	664	4.3	**0.2512**	0.0106	4.2	ug/L
[>	**Ge**	73	52297	48572	2.3				ug/L
[	**Mo**	98	502	2119	4.4	**0.2038**	0.0169	8.3	ug/L
[>	**In**	115	225392	212470	2.2				ug/L
[	**Sb**	121	674	757	5.8	**0.0120**	0.0054	45.3	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	89.146
Al	
S	
Mn	
Cu	
Zn	
Ge	92.877
Mo	
In	94.267
Sb	

Method 200.8 - Summary Report

Sample ID: 2603220209

Sample Date/Time: Thursday, March 30, 2006 16:50:52
Sample Type: Sample
Sample Description: Undigested (0.15 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220209.080
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	61835	1.9				ug/L
⌊	**Al**	27	12783	32412	1.8	**2.4225**	0.1301	5.4	ug/L
	S	34	327301	1140859	2.1				mg/L
⌈	**Mn**	55	1971	18319	10.2	**0.8849**	0.0988	11.2	ug/L
|	**Cu**	65	246	46549	1.8	**12.4648**	0.2854	2.3	ug/L
|	**Zn**	66	128	10502	1.6	**4.5452**	0.0511	1.1	ug/L
⌊>	**Ge**	73	52297	51052	0.5				ug/L
⌈	**Mo**	98	502	34252	2.1	**3.9625**	0.1590	4.0	ug/L
|>	**In**	115	225392	223965	1.9				ug/L
⌊	**Sb**	121	674	759	5.9	**0.0083**	0.0054	65.0	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	99.022
Al	
S	
Mn	
Cu	
Zn	
Ge	97.619
Mo	
In	99.367
Sb	

Method 200.8 - Summary Report

Sample ID: 2603220211

Sample Date/Time: Thursday, March 30, 2006 16:53:02
Sample Type: Sample
Sample Description: Undigested (0.13 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220211.081
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	56379	2.6				ug/L
[	**Al**	27	12783	16956	2.9	**0.7280**	0.0512	7.0	ug/L
	S	34	327301	559232	4.3				mg/L
[	**Mn**	55	1971	3088	1.8	**0.0750**	0.0047	6.3	ug/L
|	**Cu**	65	246	549	8.5	**0.0940**	0.0151	16.0	ug/L
|	**Zn**	66	128	1152	7.8	**0.4870**	0.0459	9.4	ug/L
[>	**Ge**	73	52297	47582	1.0				ug/L
[	**Mo**	98	502	3765	5.6	**0.4297**	0.0341	7.9	ug/L
|>	**In**	115	225392	202829	1.6				ug/L
[	**Sb**	121	674	325	8.6	**-0.0289**	0.0034	11.7	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	90.286
Al	
S	
Mn	
Cu	
Zn	
Ge	90.983
Mo	
In	89.990
Sb	

Method 200.8 - Summary Report

Sample ID: 2603220223

Sample Date/Time: Thursday, March 30, 2006 16:55:18
Sample Type: Sample
Sample Description: Undigested (0.16 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220223.082
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	57065	5.4				ug/L
	Al	27	12783	66974	2.3	**7.3548**	0.3524	4.8	ug/L
	S	34	327301	725992	2.9				mg/L
	Mn	55	1971	22295	1.7	**1.1548**	0.0358	3.1	ug/L
	Cu	65	246	682	12.4	**0.1271**	0.0216	17.0	ug/L
	Zn	66	128	1490	6.1	**0.6270**	0.0242	3.9	ug/L
>	**Ge**	73	52297	48855	4.2				ug/L
	Mo	98	502	366	7.9	**-0.0145**	0.0035	23.9	ug/L
>	**In**	115	225392	218815	4.1				ug/L
	Sb	121	674	421	5.5	**-0.0223**	0.0006	2.5	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	91.383
Al	
S	
Mn	
Cu	
Zn	
Ge	93.417
Mo	
In	97.082
Sb	

Method 200.8 - Summary Report

Sample ID: 2603220224

Sample Date/Time: Thursday, March 30, 2006 16:57:34
Sample Type: Sample
Sample Description: Undigested (0.56 NTU)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220224.083
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	61224	2.9				ug/L
⌊	**Al**	27	12783	109285	0.6	**11.9829**	0.3608	3.0	ug/L
	S	34	327301	647740	0.5				mg/L
⌈	**Mn**	55	1971	67289	1.0	**3.4698**	0.1130	3.3	ug/L
|	**Cu**	65	246	69459	2.1	**18.3320**	0.8277	4.5	ug/L
|	**Zn**	66	128	41938	0.3	**18.0170**	0.4878	2.7	ug/L
⌊>	**Ge**	73	52297	51920	2.7				ug/L
⌈	**Mo**	98	502	2300	4.4	**0.2055**	0.0164	8.0	ug/L
|>	**In**	115	225392	229174	2.4				ug/L
⌊	**Sb**	121	674	705	3.9	**0.0017**	0.0010	56.5	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	98.045
Al	
S	
Mn	
Cu	
Zn	
Ge	99.278
Mo	
In	101.678
Sb	

Method 200.8 - Summary Report

Sample ID: TEST CCV

Sample Date/Time: Thursday, March 30, 2006 17:00:23
Sample Type: Sample
Sample Description: Calibration Verif. (20 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV.084
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	63139	0.6				ug/L
⌊	**Al**	27	12783	178405	1.2	**19.8632**	0.3191	1.6	ug/L
	S	34	327301	333483	1.5				mg/L
⌈	**Mn**	55	1971	383584	1.1	**20.4354**	0.4905	2.4	ug/L
|	**Cu**	65	246	73699	0.9	**19.6128**	0.5611	2.9	ug/L
|	**Zn**	66	128	44699	0.6	**19.3673**	0.4961	2.6	ug/L
⌊>	**Ge**	73	52297	51483	2.0				ug/L
⌈	**Mo**	98	502	173870	1.4	**20.4331**	0.0929	0.5	ug/L
|>	**In**	115	225392	222991	1.9				ug/L
⌊	**Sb**	121	674	212105	0.9	**19.7553**	0.1972	1.0	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	101.111
Al	
S	
Mn	
Cu	
Zn	
Ge	98.443
Mo	
In	98.935
Sb	

Method 200.8 - Summary Report

Sample ID: TEST CCB

Sample Date/Time: Thursday, March 30, 2006 17:04:20
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB.085
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	61673	1.5				ug/L
[	**Al**	27	12783	12147	3.1	**-0.0590**	0.0240	40.7	ug/L
	S	34	327301	328164	0.6				mg/L
[	**Mn**	55	1971	1748	1.0	**-0.0112**	0.0013	11.7	ug/L
[	**Cu**	65	246	213	15.0	**-0.0083**	0.0080	96.0	ug/L
[	**Zn**	66	128	87	20.8	**-0.0172**	0.0081	46.8	ug/L
[>	**Ge**	73	52297	51993	0.9				ug/L
[	**Mo**	98	502	351	19.1	**-0.0173**	0.0085	48.8	ug/L
[>	**In**	115	225392	224595	1.4				ug/L
[	**Sb**	121	674	474	2.7	**-0.0184**	0.0011	6.2	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	98.764
Al	
S	
Mn	
Cu	
Zn	
Ge	99.418
Mo	
In	99.646
Sb	

Method 200.8 - Summary Report

Sample ID: 2603150120_Dil(100)

Sample Date/Time: Thursday, March 30, 2006 17:13:57
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603150120_Dil(100).086
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 100

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	72105	1.3				ug/L
⌊	**Al**	27	12783	1234456	0.5	**12820.4196**	109.6596	0.9	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	115.469
Al	

Method 200.8 - Summary Report

Sample ID: 2603210144_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:17:19
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210144_Dil(10).087
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	75612	1.2				ug/L
	Al	27	12783	1804249	0.9	**1793.1493**	35.9244	2.0	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	121.085
Al	

Method 200.8 - Summary Report

Sample ID: 2603210150_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:19:00
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210150_Dil(10).088
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	74023	0.4				ug/L
	Al	27	12783	628502	1.1	**627.9397**	5.7113	0.9	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	118.541
Al	

Method 200.8 - Summary Report

Sample ID: 2603210153_Dil(100)

Sample Date/Time: Thursday, March 30, 2006 17:20:56
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210153_Dil(100).089
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 100

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	72010	1.7				ug/L
	Al	27	12783	1411845	0.9	**14704.8982**	122.6487	0.8	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	115.316
Al	

Method 200.8 - Summary Report

Sample ID: 2603210155_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:23:01
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210155_Dil(10).090
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	71316	2.5				ug/L
	Al	27	12783	2692371	1.4	**2846.0812**	31.8466	1.1	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	114.206
Al	

Method 200.8 - Summary Report

Sample ID: 2603210156_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:24:55
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210156_Dil(10).091
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	74732	0.1				ug/L
	Al	27	12783	1521674	2.2	**1527.5970**	34.1793	2.2	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	119.676
Al	

Method 200.8 - Summary Report

Sample ID: 2603210156_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:24:55
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603210156_Dil(10).091
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	72241	0.1				ug/L
	Al	27	12783	1521674	2.2	**1580.8078**	35.3579	2.2	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	115.687
Al	

Method 200.8 - Summary Report

Sample ID: 2603220347_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:27:00
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220347_Dil(10).092
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	75573	2.3				ug/L
[	**Al**	27	12783	1633828	0.7	**1623.6064**	47.1017	2.9	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	121.024
Al	

Method 200.8 - Summary Report

Sample ID: 2603220348_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:28:42
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603220348_Dil(10).093
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	70869	1.1				ug/L
	Al	27	12783	610698	0.8	**637.6073**	9.5525	1.5	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	113.490
Al	

Method 200.8 - Summary Report

Sample ID: 2603230197_Dil(10)

Sample Date/Time: Thursday, March 30, 2006 17:31:05
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603230197_Dil(10).094
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 10

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	76776	1.9				ug/L
	Al	27	12783	1167594	1.1	**1137.2183**	20.7425	1.8	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	122.950
Al	

Method 200.8 - Summary Report

Sample ID: 2603240122_Dil(100)

Sample Date/Time: Thursday, March 30, 2006 17:33:37
Sample Type: Sample
Sample Description: 200.8 Digestion (3/29/06)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\2603240122_Dil(100).095
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 100

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈>	**Li**	6	62445	67283	0.6				ug/L
⌊	**Al**	27	12783	2757073	2.0	**30902.1698**	801.0271	2.6	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	107.748
Al	

Method 200.8 - Summary Report

Sample ID: TEST CCV

Sample Date/Time: Thursday, March 30, 2006 17:36:49
Sample Type: Sample
Sample Description: Calibration Verif. (50 ppb Al)
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCV.096
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
[>	**Li**	6	62445	70465	0.9				ug/L
[	**Al**	27	12783	457546	1.1	**47.6611**	0.8089	1.7	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	
Al	112.843

Method 200.8 - Summary Report

Sample ID: TEST CCB

Sample Date/Time: Thursday, March 30, 2006 17:38:51
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\060317as.sam
Method File: C:\elandata\Method\stouptest.mth
Dataset File: C:\elandata\Dataset\060324as\060330dr\TEST CCB.097
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
>	**Li**	6	62445	63553	0.9				ug/L
	Al	27	12783	33016	1.5	**1.6227**	0.0178	1.1	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Li	101.773
Al	

ICPMS SUMMARY SHEET

File ID: 060412U
Date Started: 04/12/06
Analyst ID: DTN

SAMPLE ID

Blank	(15:26)	Standard 1	(15:28)	Standard 2	(15:31)
Standard 3	(15:33)	Carbon-Sulfu	(15:51)	2604040046	(16:03)
2604040495	(16:16)	2604050028	(16:18)	2604050029	(16:20)
2604050030	(16:23)	2604050223	(16:26)	2604050263	(16:28)
2604060004	(16:31)	2604070148	(16:33)	2604070243	(16:35)
2604050266	(16:43)	2604110019	(16:50)	2604110024	(16:53)
2604110025	(16:55)	2604110026	(16:57)	2604110027	(17:00)
2604110018	(17:02)	2604110020	(17:05)	2604110021	(17:12)
2604110022	(17:15)	2604050141	(17:31)	2604050214	(17:44)
2604050241	(17:46)	2603280007	(17:56)	2603310137	(18:03)
WASH	(18:11)	2603090347	(18:21)	2603100260	(18:24)
2603140472	(18:26)	2603140436	(18:28)	2603150119	(18:31)
2603150120	(18:33)	2603210156	(18:41)	2603210144	(18:43)
2603210150	(18:46)	2603210155	(18:48)	2603210153	(18:50)
2603220357	(18:53)	2603220360	(18:55)	2603220348	(18:58)
2603220347	(19:00)	2603230069	(19:03)	2603230197	(19:10)
2603240135	(19:13)	2603240122	(19:20)	2603240118	(19:22)
WASH	(19:25)	2603250005	(19:40)		

COMMENT:

Analyst: DTN 4/12/06
DTN 4/4/06

Approved By: _____

MWH LABS
REV 1.0
07/18/05

Scan Prep Sheet

Lab Batch No (Filename): ELAN060412UDTN

Batch Date (Prep of Anal): 04/12/06

Lab Test Type: (Method Reference): 200.8

Associated Lab Batch No (Filename):

Calibration:	N/A
Rerun:	N/A
Other:	N/A

If using Prep date as Batch date, you must also include the analytical date

Analytical Date: 04/12/06

BATCH NUMBER for 060412U

Test Parameter:

BI U U-PCI

Batch ID: 2604040046

2604040046	2604040495	2604050028
2604050029	2604050030	2604050223
2604050263	2604060004	2604070148
2604070243	2604050266	2604110019
2604110024	2604110025	2604110026
2604110027	2604110018	2604110020
2604110021	2604110022	

Batch ID: 2604050141

2604050141	2604050214	2604050241

Batch ID: 2603280007

2603280007	2603310137

Batch ID: 2603240135

2603090347	2603100260	2603140472
2603140436	2603150119	2603150120
2603210156	2603210144	2603210150
2603210155	2603210153	2603220357
2603220360	2603220348	2603220347
2603230069	2603230197	2603240135
2603240122	2603240118	

Batch ID: 2603250005

2603250005

STANDARD DOCUMENTATION

Acid

Nitric acid:	R# 100360
Hydrochloric acid:	R# 100369

Standard Calibration

Standard 1 / MRL:	1:10000 of ME0507006 (1.00mL of ME0512004 / 100mL)
Standard 2 / CCV:	1:1000 of ME0510003 (ME0512005)
Standard 3:	1:400 of ME0510003 (ME0512006)
Linearity:	1:100 of ME0510003 (0.25mL of ME0510003 / 50 mL)
MCV (2nd source):	1:1000 of ME0511002 (ME0601002)
Uranium Calibration:	ME0511003
Iodide Calibration:	R201240
Iodide 2nd Source:	R201250

ICSA/AB

ICSA:	1:5 of ME0503013
ICSAB:	1:5 of ME0503014

LCS/MS/MSD

LCS/MS Spiking solution:	1:1000 of ME05030020 (ME0601001)

Internal Standard:	ME0406036
Germanium Standard:	ME0504001

Date Updated: 01/09/06

File ID: 060412U

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Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
Blank	04/12/06	15:26	1	N/A	N/A		
ICV	04/12/06	15:36	1	250.29	250	95-105	100%
CCV	04/12/06	15:38	1	105.49	105	90-110	105%
CCB	04/12/06	15:41	1	.02579	0.026		
ICB	04/12/06	15:43	1	.01057	0.011		
ICSA	04/12/06	15:46	1	.01209	0.012		
ICSAB	04/12/06	15:48	1	.00815	0.008		
Carbon-Sulfur_Check	04/12/06	15:51	1	-.00157	ND		
MRL	04/12/06	15:53	1	1.0486	1.05	50-150	104%
MBLANK	04/12/06	15:56	1	.00196	0.002		
LCS	04/12/06	15:58	1	22.321	22.3	85-115	111%
LCSD	04/12/06	16:01	1	22.073	22.1	85-115	110%
2604040046	04/12/06	16:03	1	.00192	0.002		
2604040046MS	04/12/06	16:06	1	21.290	21.3	[21.289]	106%
CCV	04/12/06	16:08	1	104.90	105	90-110	104%
CCB	04/12/06	16:11	1	.01571	0.016		
2604040046MSD	04/12/06	16:13	1	21.531	21.5	[21.530]	107%
2604040046T	04/12/06	16:13	1		20.00	70 - 130	
2604040495	04/12/06	16:16	1	3.8220	3.8		
2604050028	04/12/06	16:18	1	6.2703	6.3		
2604050029	04/12/06	16:20	1	52.666	53		
2604050030	04/12/06	16:23	1	6.0944	6.1		
2604050223	04/12/06	16:26	1	1.6242	1.6		
2604050263	04/12/06	16:28	1	2.2360	2.2		
2604060004	04/12/06	16:31	1	8.7030	8.7		
2604070148	04/12/06	16:33	1	1.6831	1.7		
2604070243	04/12/06	16:35	1	2.7902	2.8		
CCV	04/12/06	16:38	1	103.92	104	90-110	103%
CCB	04/12/06	16:41	1	.02194	0.022		
2604050266	04/12/06	16:43	1	1.7609	1.8		
2604050266MS	04/12/06	16:45	1	24.088	24.1	[22.328]	111%
2604050266MSD	04/12/06	16:48	1	23.823	23.8	[22.062]	110%
2604050266T	04/12/06	16:48	1		20.00	70 - 130	
2604110019	04/12/06	16:50	1	.34130	0.34		
2604110024	04/12/06	16:53	1	.33017	0.33		
2604110025	04/12/06	16:55	1	.55615	0.56		
2604110026	04/12/06	16:57	1	.01306	0.013		
2604110027	04/12/06	17:00	1	.68047	0.68		
2604110018	04/12/06	17:02	1	10.425	10		
2604110020	04/12/06	17:05	1	15.936	16		
CCV	04/12/06	17:07	1	103.11	103	90-110	103%
CCB	04/12/06	17:10	1	.02014	0.020		
2604110021	04/12/06	17:12	1	5.8336	5.8		

File ID: 060412U

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Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2604110022	04/12/06	17:15	1	7.1106	7.1		
CCV	04/12/06	17:17	1	104.05	104	90-110	104%
QC-CHECK	04/12/06	17:19	1	22.302	22		
MRL	04/12/06	17:22	1	1.0607	1.06	50-150	106%
200.8_MBLANK	04/12/06	17:24	1	.00130	0.001		
200.8_LCS	04/12/06	17:27	1	19.441	19.4	85-115	97.2%
200.8_LCSD	04/12/06	17:29	1	19.212	19.2	85-115	96.0%
2604050141	04/12/06	17:31	1	5.2984	5.3		
2604050141MS	04/12/06	17:34	1	25.630	25.6	[20.332]	101%
CCV	04/12/06	17:36	1	102.02	102	90-110	102%
CCB	04/12/06	17:39	1	.01758	0.018		
2604050141MSD	04/12/06	17:41	1	25.952	26	[20.654]	103%
2604050141T	04/12/06	17:41	1		20.00	70 - 130	
2604050214	04/12/06	17:44	1	1.1613	1.2		
2604050241	04/12/06	17:46	1	1.0809	1.1		
200.8_MBLANK	04/12/06	17:49	1	.00039	00		
200.8_LCS	04/12/06	17:51	1	19.533	19.5	85-115	97.6%
200.8_LCSD	04/12/06	17:53	1	19.144	19.1	85-115	95.7%
2603280007	04/12/06	17:56	1	1.6135	1.6		
2603280007MS	04/12/06	17:58	1	21.430	21.4	[19.817]	99.0%
2603280007MSD	04/12/06	18:01	1	21.369	21.4	[19.756]	98.7%
2603280007T	04/12/06	18:01	1		20.00	70 - 130	
2603310137	04/12/06	18:03	1	15.461	15		
CCV	04/12/06	18:06	1	98.657	98.7	90-110	98.6%
CCB	04/12/06	18:08	1	.01543	0.015		
WASH	04/12/06	18:11	1	.01246	0.012		
6020_MBLANK	04/12/06	18:13	1	.00043	00		
6020_LCS	04/12/06	18:16	1	18.971	19	85-115	94.8%
6020_LCSD	04/12/06	18:19	1	19.150	19.2	85-115	95.7%
2603090347	04/12/06	18:21	1	4.9592	5.0		
2603100260	04/12/06	18:24	1	.00819	0.008		
2603140472	04/12/06	18:26	1	.00162	0.002		
2603140436	04/12/06	18:28	1	4.2647	4.3		
2603150119	04/12/06	18:31	1	.01049	0.010		
2603150120	04/12/06	18:33	1	8.8275	8.8		
CCV	04/12/06	18:36	1	98.427	98.4	90-110	98.4%
CCB	04/12/06	18:38	1	.00779	0.008		
2603210156	04/12/06	18:41	1	4.7020	4.7		
2603210144	04/12/06	18:43	1	4.7487	4.7		
2603210150	04/12/06	18:46	1	2.3939	2.4		
2603210155	04/12/06	18:48	1	4.8097	4.8		
2603210153	04/12/06	18:50	1	7.3025	7.3		
2603220357	04/12/06	18:53	1	2.0718	2.1		
2603220360	04/12/06	18:55	1	3.9557	4.0		
2603220348	04/12/06	18:58	1	2.3999	2.4		
2603220347	04/12/06	19:00	1	3.0135	3.0		
2603230069	04/12/06	19:03	1	42.663	43		
CCV	04/12/06	19:05	1	95.668	95.7	90-110	95.6%

File ID: 060412U U

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
CCB	04/12/06	19:08	1	.01061	0.011		
2603230197	04/12/06	19:10	1	1.9486	1.9		
2603240135	04/12/06	19:13	1	12.837	13		
2603240135MS	04/12/06	19:15	1	32.293	32.3	[19.456]	97.2%
2603240135MSD	04/12/06	19:17	1	31.844	31.8	[19.007]	95.0%
2603240135T	04/12/06	19:17	1		20.00	70 - 130	
2603240122	04/12/06	19:20	1	6.3829	6.4		
2603240118	04/12/06	19:22	1	.14770	0.15		
WASH	04/12/06	19:25	1	-.00107	ND		
6020_MBLANK	04/12/06	19:27	1	-.00102	ND		
6020_LCS	04/12/06	19:29	1	18.060	18.1	85-115	90.3%
6020_LCSD	04/12/06	19:32	1	18.304	18.3	85-115	91.5%
CCV	04/12/06	19:34	1	94.038	94	90-110	94.0%
CCB	04/12/06	19:37	1	.00823	0.008		
2603250005	04/12/06	19:40	1	.00149	0.001		
2603250005MS	04/12/06	19:42	1	18.185	18.2	[18.184]	90.9%
2603250005MSD	04/12/06	19:44	1	18.129	18.1	[18.128]	90.6%
2603250005T	04/12/06	19:44	1		20.00	70 - 130	
CCV	04/12/06	19:47	1	94.898	94.9	90-110	94.8%
MRL	04/12/06	19:49	1	.98627	0.986	50-150	98.6%
MRL	04/12/06	19:52	1	.97151	0.972	50-150	97.1%
CCB	04/12/06	19:54	1	.00206	0.002		

File ID: 060412U

U-PCI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
Blank	04/12/06	15:26	1	N/A	N/A		
ICV	04/12/06	15:36	1	167.69	168	95-105	
CCV	04/12/06	15:38	1	70.679	70.7	90-110	
CCB	04/12/06	15:41	1	.01728	0.017		
ICB	04/12/06	15:43	1	.00708	0.007		
ICSA	04/12/06	15:46	1	.00810	0.008		
ICSAB	04/12/06	15:48	1	.00546	0.005		
Carbon-Sulfur_Check	04/12/06	15:51	1	-.00105	ND		
MRL	04/12/06	15:53	1	.70260	0.703	50-150	
MBLANK	04/12/06	15:56	1	.00131	0.001		
LCS	04/12/06	15:58	1	14.955	15	85-115	
LCSD	04/12/06	16:01	1	14.788	14.8	85-115	
2604040046	04/12/06	16:03	1	.00128	0.001		
2604040046MS	04/12/06	16:06	1	14.264	14.3		
CCV	04/12/06	16:08	1	70.283	70.3	90-110	
CCB	04/12/06	16:11	1	.01053	0.011		
2604040046MSD	04/12/06	16:13	1	14.426	14.4		
2604040495	04/12/06	16:16	1	2.5607	2.6		
2604050028	04/12/06	16:18	1	4.2011	4.2		
2604050029	04/12/06	16:20	1	35.286	35		
2604050030	04/12/06	16:23	1	4.0832	4.1		
2604050223	04/12/06	16:26	1	1.0882	1.1		
2604050263	04/12/06	16:28	1	1.4981	1.5		
2604060004	04/12/06	16:31	1	5.8310	5.8		
2604070148	04/12/06	16:33	1	1.1277	1.1		
2604070243	04/12/06	16:35	1	1.8694	1.9		
CCV	04/12/06	16:38	1	69.630	69.6	90-110	
CCB	04/12/06	16:41	1	.01470	0.015		
2604050266	04/12/06	16:43	1	1.1798	1.2		
2604050266MS	04/12/06	16:45	1	16.139	16.1		
2604050266MSD	04/12/06	16:48	1	15.961	16		
2604110019	04/12/06	16:50	1	.22867	0.23		
2604110024	04/12/06	16:53	1	.22121	0.22		
2604110025	04/12/06	16:55	1	.37262	0.37		
2604110026	04/12/06	16:57	1	.00875	0.009		
2604110027	04/12/06	17:00	1	.45592	0.46		
2604110018	04/12/06	17:02	1	6.9847	7.0		
2604110020	04/12/06	17:05	1	10.677	11		
CCV	04/12/06	17:07	1	69.088	69.1	90-110	
CCB	04/12/06	17:10	1	.01349	0.013		
2604110021	04/12/06	17:12	1	3.9085	3.9		

File ID: 060412U

U-PCI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
2604110022	04/12/06	17:15	1	4.7641	4.8		
CCV	04/12/06	17:17	1	69.720	69.7	90-110	
QC-CHECK	04/12/06	17:19	1	14.942	15		
MRL	04/12/06	17:22	1	.71073	0.711	50-150	
200.8_MBLANK	04/12/06	17:24	1	.00087	0.001		
200.8_LCS	04/12/06	17:27	1	13.025	13	85-115	
200.8_LCSD	04/12/06	17:29	1	12.872	12.9	85-115	
2604050141	04/12/06	17:31	1	3.5499	3.5		
2604050141MS	04/12/06	17:34	1	17.172	17.2		
CCV	04/12/06	17:36	1	68.356	68.4	90-110	
CCB	04/12/06	17:39	1	.01177	0.012		
2604050141MSD	04/12/06	17:41	1	17.388	17.4		
2604050214	04/12/06	17:44	1	.77813	0.78		
2604050241	04/12/06	17:46	1	.72422	0.72		
200.8_MBLANK	04/12/06	17:49	1	.00026	00		
200.8_LCS	04/12/06	17:51	1	13.087	13.1	85-115	
200.8_LCSD	04/12/06	17:53	1	12.826	12.8	85-115	
2603280007	04/12/06	17:56	1	1.0810	1.1		
2603280007MS	04/12/06	17:58	1	14.358	14.4		
2603280007MSD	04/12/06	18:01	1	14.317	14.3		
2603310137	04/12/06	18:03	1	10.359	10		
CCV	04/12/06	18:06	1	66.100	66.1	90-110	
CCB	04/12/06	18:08	1	.01034	0.010		
WASH	04/12/06	18:11	1	.00835	0.008		
6020_MBLANK	04/12/06	18:13	1	.00028	00		
6020_LCS	04/12/06	18:16	1	12.710	12.7	85-115	
6020_LCSD	04/12/06	18:19	1	12.830	12.8	85-115	
2603090347	04/12/06	18:21	1	3.3227	3.3		
2603100260	04/12/06	18:24	1	.00549	0.005		
2603140472	04/12/06	18:26	1	.00108	0.001		
2603140436	04/12/06	18:28	1	2.8574	2.9		
2603150119	04/12/06	18:31	1	.00703	0.007		
2603150120	04/12/06	18:33	1	5.9144	5.9		
CCV	04/12/06	18:36	1	65.946	65.9	90-110	
CCB	04/12/06	18:38	1	.00522	0.005		
2603210156	04/12/06	18:41	1	3.1504	3.2		
2603210144	04/12/06	18:43	1	3.1816	3.2		
2603210150	04/12/06	18:46	1	1.6039	1.6		
2603210155	04/12/06	18:48	1	3.2225	3.2		
2603210153	04/12/06	18:50	1	4.8927	4.9		
2603220357	04/12/06	18:53	1	1.3881	1.4		
2603220360	04/12/06	18:55	1	2.6503	2.7		
2603220348	04/12/06	18:58	1	1.6079	1.6		
2603220347	04/12/06	19:00	1	2.0190	2.0		
2603230069	04/12/06	19:03	1	28.584	29		
CCV	04/12/06	19:05	1	64.098	64.1	90-110	

File ID: 060412U

U-PCI

Sample ID	Date	Time	Dil	Raw	Rept.	Limit	Comment
CCB	04/12/06	19:08	1	.00710	0.007		
2603230197	04/12/06	19:10	1	1.3055	1.3		
2603240135	04/12/06	19:13	1	8.6011	8.6		
2603240135MS	04/12/06	19:15	1	21.636	21.6		
2603240135MSD	04/12/06	19:17	1	21.335	21.3		
2603240122	04/12/06	19:20	1	4.2765	4.3		
2603240118	04/12/06	19:22	1	.09896	0.099		
WASH	04/12/06	19:25	1	-.00071	ND		
6020_MBLANK	04/12/06	19:27	1	-.00068	ND		
6020_LCS	04/12/06	19:29	1	12.100	12.1	85-115	
6020_LCSD	04/12/06	19:32	1	12.263	12.3	85-115	
CCV	04/12/06	19:34	1	63.006	63	90-110	
CCB	04/12/06	19:37	1	.00552	0.006		
2603250005	04/12/06	19:40	1	.00100	0.001		
2603250005MS	04/12/06	19:42	1	12.184	12.2		
2603250005MSD	04/12/06	19:44	1	12.146	12.1		
CCV	04/12/06	19:47	1	63.581	63.6	90-110	
MRL	04/12/06	19:49	1	.66080	0.661	50-150	
MRL	04/12/06	19:52	1	.65091	0.651	50-150	
CCB	04/12/06	19:54	1	.00138	0.001		

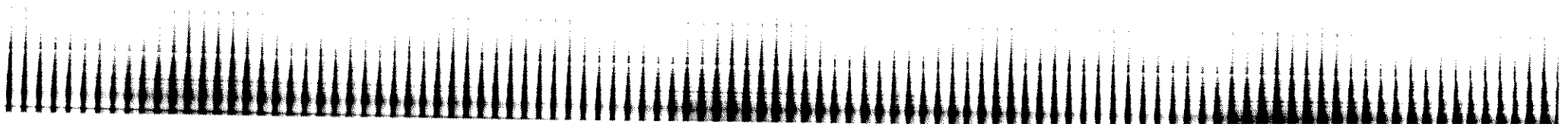
Landscape Summary File ID: 060412U Date: 04/12/06 Analyst: DTN Page: 1

Sample ID	Time	BI	U	U-PCI
Blank	15:26	N/A	N/A	N/A
Standard 1	15:28	N/A	1.000	0.6700
Standard 2	15:31	N/A	%100.00	67.00
Standard 3	15:33	N/A	248.2	166.3
ICV	15:36	N/A	250/250	168(250)
CCV	15:38	N/A	105(50)	70.7(50)
CCB	15:41	N/A	0.0258	0.0173
ICB	15:43	N/A	0.0106	0.0071
ICSA	15:46	N/A	0.0121	0.0081
ICSAB	15:48	N/A	0.0082	0.0055
Carbon-Sulfur_Check	15:51	N/A	-.0016	-.0011
MRL	15:53	N/A	1.05/1	0.703/1
MBLANK	15:56	N/A	0.0020	0.0013
LCS	15:58	N/A	22.3/20	15.0(20)
LCSD	16:01	N/A	22.1/20	14.8(20)
2604040046	16:03	N/A	0.0019	0.0013
2604040046MS	16:06	N/A	21.29	14.26
CCV	16:08	N/A	105(50)	70.3(50)
CCB	16:11	N/A	0.0157	0.0105
2604040046MSD	16:13	N/A	21.53	14.43
2604040495	16:16	N/A	3.822	2.561
2604050028	16:18	N/A	6.270	4.201
2604050029	16:20	N/A	52.67	35.29
2604050030	16:23	N/A	6.094	4.083
2604050223	16:26	N/A	1.624	1.088
2604050263	16:28	N/A	2.236	1.498
2604060004	16:31	N/A	8.703	5.831
2604070148	16:33	N/A	1.683	1.128
2604070243	16:35	N/A	2.790	1.869
CCV	16:38	N/A	104(50)	69.6(50)
CCB	16:41	N/A	0.0219	0.0147
2604050266	16:43	N/A	1.761	1.180
2604050266MS	16:45	N/A	24.09	16.14
2604050266MSD	16:48	N/A	23.82	15.96
2604110019	16:50	N/A	0.3413	0.2287
2604110024	16:53	N/A	0.3302	0.2212
2604110025	16:55	N/A	0.5562	0.3726
2604110026	16:57	N/A	0.0131	0.0088
2604110027	17:00	N/A	0.6805	0.4559
2604110018	17:02	N/A	10.43	6.985
2604110020	17:05	N/A	15.94	10.68
CCV	17:07	N/A	103(50)	69.1(50)
CCB	17:10	N/A	0.0201	0.0135
2604110021	17:12	N/A	5.834	3.909
2604110022	17:15	N/A	7.111	4.764
CCV	17:17	N/A	104(50)	69.7(50)
QC-CHECK	17:19	N/A	22.30	14.94
MRL	17:22	N/A	1.06/1	0.711/1
200.8_MBLANK	17:24	N/A	0.0013	0.0009

Landscape Summary File ID: 060412U Date: 04/12/06 Analyst: DTN Page: 2

Sample ID	Time	BI	U	U-PCI
200.8_LCS	17:27	N/A	19.4/20	13.0(20)
200.8_LCSD	17:29	N/A	19.2/20	12.9(20)
2604050141	17:31	N/A	5.298	3.550
2604050141MS	17:34	N/A	25.63	17.17
CCV	17:36	N/A	102(50)	68.4(50)
CCB	17:39	N/A	0.0176	0.0118
2604050141MSD	17:41	N/A	25.95	17.39
2604050214	17:44	N/A	1.161	0.7781
2604050241	17:46	N/A	1.081	0.7242
200.8_MBLANK	17:49	N/A	0.0004	0.0003
200.8_LCS	17:51	N/A	19.5/20	13.1(20)
200.8_LCSD	17:53	N/A	19.1/20	12.8(20)
2603280007	17:56	N/A	1.614	1.081
2603280007MS	17:58	N/A	21.43	14.36
2603280007MSD	18:01	N/A	21.37	14.32
2603310137	18:03	N/A	15.46	10.36
CCV	18:06	N/A	98.7(50)	66.1(50)
CCB	18:08	N/A	0.0154	0.0103
WASH	18:11	N/A	0.0125	0.0084
6020_MBLANK	18:13	N/A	0.0004	0.0003
6020_LCS	18:16	N/A	19.0/20	12.7(20)
6020_LCSD	18:19	N/A	19.2/20	12.8(20)
2603090347	18:21	N/A	4.959	3.323
2603100260	18:24	N/A	0.0082	0.0055
2603140472	18:26	N/A	0.0016	0.0011
2603140436	18:28	N/A	4.265	2.857
2603150119	18:31	N/A	0.0105	0.0070
2603150120	18:33	N/A	8.828	5.914
CCV	18:36	N/A	98.4(50)	65.9(50)
CCB	18:38	N/A	0.0078	0.0052
2603210156	18:41	N/A	4.702	3.150
2603210144	18:43	N/A	4.749	3.182
2603210150	18:46	N/A	2.394	1.604
2603210155	18:48	N/A	4.810	3.223
2603210153	18:50	N/A	7.303	4.893
2603220357	18:53	N/A	2.072	1.388
2603220360	18:55	N/A	3.956	2.650
2603220348	18:58	N/A	2.400	1.608
2603220347	19:00	N/A	3.014	2.019
2603230069	19:03	N/A	42.66	28.58
CCV	19:05	N/A	95.7(50)	64.1(50)
CCB	19:08	N/A	0.0106	0.0071
2603230197	19:10	N/A	1.949	1.306
2603240135	19:13	N/A	12.84	8.601
2603240135MS	19:15	N/A	32.29	21.64
2603240135MSD	19:17	N/A	31.84	21.34
2603240122	19:20	N/A	6.383	4.277
2603240118	19:22	N/A	0.1477	0.0990
WASH	19:25	N/A	-.0011	-.0007
6020_MBLANK	19:27	N/A	-.0010	-.0007

Sample ID	Time	BI	U	U-PCI
6020_LCS	19:29	N/A	18.1/20	12.1(20)
6020_LCSD	19:32	N/A	18.3/20	12.3(20)
CCV	19:34	N/A	94.0(50)	63.0(50)
CCB	19:37	N/A	0.0082	0.0055
2603250005	19:40	N/A	0.0015	0.0010
2603250005MS	19:42	N/A	18.19	12.18
2603250005MSD	19:44	N/A	18.13	12.15
CCV	19:47	N/A	94.9(50)	63.6(50)
MRL	19:49	N/A	0.986/1	0.661/1
MRL	19:52	N/A	0.972/1	0.651/1
CCB	19:54	N/A	0.0021	0.0014



Daily Performance Report

Sample ID: Daily Performance Check
Sample Date/Time: 13:28:28 Wed 12-Apr-06
Sample Description:
Method File: C:\elandata\Method\Daily1.mth
Dataset File:
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Dual Detector Mode: Dual
Acq. Dead Time(ns): 70
Current Dead Time (ns): 70

Number of Replicates: 6

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	18176.9	18176.877	118.930	0.7
	Rh	102.9	16.1	16.111	1.951	12.1
	In	114.9	187363.3	187363.267	1056.809	0.6
	Pb	208.0	128261.5	128261.498	1752.608	1.4
>	Ba	137.9	159135.0	159134.958	1831.839	1.2
	Ba++	69.0	2487.3	0.016	0.000	2.7
>	Ce	139.9	190265.6	190265.586	894.819	0.5
	CeO	155.9	3134.7	0.016	0.000	1.0
	Bkgd	220.0	2.0	2.000	1.193	59.6

Current Optimization File Data

Current Value	Description
0.86	Nebulizer Gas Flow
8.60	Lens Voltage
1450.00	ICP RF Power
-2150.00	Analog Stage Voltage
1550.00	Pulse Stage Voltage
80.00	Discriminator Threshold
-9.20	AC Rod Offset

Replicates

Mass	Net Intensity
24	18116.947
103	18.667
115	186135.387
208	124822.533
138	156151.991
69	0.016
140	188987.496
156	0.017
220	2.667
Mass	Net Intensity
24	18212.522
103	15.333
115	187214.376
208	128230.779

138	157958.899
69	0.016
140	191028.731
156	0.016
220	2.000
Mass	Net Intensity
24	18370.259
103	16.000
115	188483.779
208	129508.863
138	160165.096
69	0.015
140	191132.109
156	0.016
220	1.333
Mass	Net Intensity
24	18106.921
103	18.000
115	188773.960
208	128730.312
138	160600.899
69	0.015
140	189869.770
156	0.017
220	1.333
Mass	Net Intensity
24	18223.885
103	13.333
115	187052.893
208	129468.135
138	160942.160
69	0.016
140	190950.685
156	0.017
220	0.667
Mass	Net Intensity
24	18030.729
103	15.333
115	186519.207
208	128808.367
138	158990.701
69	0.015
140	189624.721
156	0.017
220	4.000

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: 15:26:15 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\Blank.097
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	339066.772					ug/L
	U	238	36.167					ug/L
	U-pCi	238	36.167					ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: 15:28:46 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\Standard 1.098
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	337490.923	337490.92				ug/L
	U	238	12182.556	0.04	1.0000	0.0249	2.4889	ug/L
	U-pCi	238	12182.556	0.04	0.6700	0.0167	2.4889	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: 15:31:18 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\Standard 2.099
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
Bi	209	368328.758	368328.76				ug/L
U	238	1320250.966	3.59	100.0000	0.9752	0.9752	ug/L
U-pCi	238	1320250.966	3.59	67.0000	0.6534	0.9752	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: Standard 3

Sample Date/Time: 15:33:51 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\Standard 3.100
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	393510.775	393510.78				ug/L
	U	238	3354898.672	8.53	248.2497	3.6624	1.4753	ug/L
	U-pCi	238	3354898.672	8.53	166.3273	2.4538	1.4753	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: ICV

Sample Date/Time: 15:36:25 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\ICV.101
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	383004.800	383004.80				ug/L
	U	238	3293013.000	8.60	250.2903	2.5846	1.0326	ug/L
	U-pCi	238	3293013.000	8.60	167.6945	1.7317	1.0326	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	112.959
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 15:38:58 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.102
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	378852.160	378852.16				ug/L
	U	238	1372802.197	3.62	105.4925	0.4261	0.4039	ug/L
	U-pCi	238	1372802.197	3.62	70.6800	0.2855	0.4039	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	111.734
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 15:41:40 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.103
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	354558.039	354558.04				ug/L
	U	238	351.842	0.00	0.0258	0.0009	3.6226	ug/L
	U-pCi	238	351.842	0.00	0.0173	0.0006	3.6226	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	104.569
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: ICB

Sample Date/Time: 15:43:56 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\ICB.104
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	354114.941	354114.94				ug/L
	U	238	166.169	0.00	0.0106	0.0014	13.3222	ug/L
	U-pCi	238	166.169	0.00	0.0071	0.0009	13.3222	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	104.438
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: ICSA

Sample Date/Time: 15:46:27 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\ICSA.105
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	328141.008	328141.01				ug/L
	U	238	171.169	0.00	0.0121	0.0007	5.7123	ug/L
	U-pCi	238	171.169	0.00	0.0081	0.0005	5.7123	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.778
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: ICSAB

Sample Date/Time: 15:48:38 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\ICSAB.106
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	322149.926	322149.93				ug/L
	U	238	124.501	0.00	0.0082	0.0006	7.6109	ug/L
	U-pCi	238	124.501	0.00	0.0055	0.0004	7.6109	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.011
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: Carbon-Sulfur_Check

Sample Date/Time: 15:51:20 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\Carbon-Sulfur_Check.107
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	341090.420	341090.42				ug/L
	U	238	18.000	-0.00	-0.0016	0.0003	16.4910	ug/L
	U-pCi	238	18.000	-0.00	-0.0011	0.0002	16.4910	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.597
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: MRL

Sample Date/Time: 15:53:53 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\MRL.108
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	356073.713	356073.71				ug/L
	U	238	12862.905	0.04	1.0487	0.0099	0.9464	ug/L
	U-pCi	238	12862.905	0.04	0.7026	0.0066	0.9464	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	105.016
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: MBLANK

Sample Date/Time: 15:56:24 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\MBLANK.109
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	347650.067	347650.07				ug/L
	U	238	60.500	0.00	0.0020	0.0004	20.7502	ug/L
	U-pCi	238	60.500	0.00	0.0013	0.0003	20.7502	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.531
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: LCS

Sample Date/Time: 15:58:57 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\LCS.110
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	353650.781	353650.78				ug/L
	U	238	271139.699	0.77	22.3219	0.1309	0.5864	ug/L
	U-pCi	238	271139.699	0.77	14.9557	0.0877	0.5864	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	104.301
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: LCSD

Sample Date/Time: 16:01:22 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\LCSD.111
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	361308.307	361308.31				ug/L
	U	238	273918.559	0.76	22.0731	0.2356	1.0673	ug/L
	U-pCi	238	273918.559	0.76	14.7890	0.1578	1.0673	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	106.560
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604040046

Sample Date/Time: 16:03:45 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604040046.112
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	334539.640	334539.64				ug/L
	U	238	57.667	0.00	0.0019	0.0005	25.7209	ug/L
	U-pCi	238	57.667	0.00	0.0013	0.0003	25.7209	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.665
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604040046MS

Sample Date/Time: 16:06:06 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604040046MS.113
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	343540.172	343540.17				ug/L
	U	238	251194.574	0.73	21.2904	0.2469	1.1599	ug/L
	U-pCi	238	251194.574	0.73	14.2646	0.1655	1.1599	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	101.319
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 16:08:33 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.114
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	369791.236	369791.24				ug/L
	U	238	1332229.474	3.60	104.9012	0.8360	0.7970	ug/L
	U-pCi	238	1332229.474	3.60	70.2838	0.5601	0.7970	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	109.061
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 16:11:16 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.115
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	346279.620	346279.62				ug/L
	U	238	224.004	0.00	0.0157	0.0008	5.3279	ug/L
	U-pCi	238	224.004	0.00	0.0105	0.0006	5.3279	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.127
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604040046MSD

Sample Date/Time: 16:13:42 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604040046MSD.116
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	351521.521	351521.52				ug/L
	U	238	259924.893	0.74	21.5316	0.3069	1.4252	ug/L
	U-pCi	238	259924.893	0.74	14.4261	0.2056	1.4252	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	103.673
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604040495

Sample Date/Time: 16:16:05 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604040495.117
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	325441.778	325441.78				ug/L
	U	238	42750.410	0.13	3.8220	0.0415	1.0861	ug/L
	U-pCi	238	42750.410	0.13	2.5607	0.0278	1.0861	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.982
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050028

Sample Date/Time: 16:18:28 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050028.118
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	336420.192	336420.19				ug/L
	U	238	72486.714	0.22	6.2704	0.0534	0.8518	ug/L
	U-pCi	238	72486.714	0.22	4.2011	0.0358	0.8518	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	99.219
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050029

Sample Date/Time: 16:20:50 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050029.119
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	344265.652	344265.65				ug/L
	U	238	622660.397	1.81	52.6670	0.5428	1.0306	ug/L
	U-pCi	238	622660.397	1.81	35.2869	0.3637	1.0306	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	101.533
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050030

Sample Date/Time: 16:23:54 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050030.120
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	337701.390	337701.39				ug/L
	U	238	70716.428	0.21	6.0945	0.0501	0.8227	ug/L
	U-pCi	238	70716.428	0.21	4.0833	0.0336	0.8227	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	99.597
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050223

Sample Date/Time: 16:26:17 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050223.121
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	326860.474	326860.47				ug/L
	U	238	18267.163	0.06	1.6243	0.0230	1.4145	ug/L
	U-pCi	238	18267.163	0.06	1.0883	0.0154	1.4145	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.400
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050263

Sample Date/Time: 16:28:40 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050263.122
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	308702.404	308702.40				ug/L
	U	238	23739.050	0.08	2.2360	0.0235	1.0523	ug/L
	U-pCi	238	23739.050	0.08	1.4981	0.0158	1.0523	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.045
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604060004

Sample Date/Time: 16:31:04 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604060004.123
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	314737.681	314737.68				ug/L
	U	238	94100.379	0.30	8.7030	0.0922	1.0592	ug/L
	U-pCi	238	94100.379	0.30	5.8310	0.0618	1.0592	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.825
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604070148

Sample Date/Time: 16:33:29 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604070148.124
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	315357.213	315357.21				ug/L
	U	238	18263.488	0.06	1.6832	0.0150	0.8904	ug/L
	U-pCi	238	18263.488	0.06	1.1277	0.0100	0.8904	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.007
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604070243

Sample Date/Time: 16:35:54 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604070243.125
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	308832.887	308832.89				ug/L
	U	238	29630.016	0.10	2.7902	0.0037	0.1324	ug/L
	U-pCi	238	29630.016	0.10	1.8694	0.0025	0.1324	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.083
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 16:38:23 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.126
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	327961.743	327961.74				ug/L
	U	238	1170714.298	3.57	103.9263	1.1324	1.0896	ug/L
	U-pCi	238	1170714.298	3.57	69.6306	0.7587	1.0896	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.725
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 16:41:06 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.127
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	270955.392	270955.39				ug/L
	U	238	233.170	0.00	0.0219	0.0014	6.4264	ug/L
	U-pCi	238	233.170	0.00	0.0147	0.0009	6.4264	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	79.912
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050266

Sample Date/Time: 16:43:33 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050266.128
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	310878.646	310878.65				ug/L
	U	238	18835.151	0.06	1.7609	0.0142	0.8054	ug/L
	U-pCi	238	18835.151	0.06	1.1798	0.0095	0.8054	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.687
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050266MS

Sample Date/Time: 16:45:56 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050266MS.129
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	316741.873	316741.87				ug/L
	U	238	262073.543	0.83	24.0888	0.2586	1.0734	ug/L
	U-pCi	238	262073.543	0.83	16.1395	0.1732	1.0734	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.416
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050266MSD

Sample Date/Time: 16:48:19 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050266MSD.130
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	313372.406	313372.41				ug/L
	U	238	256433.643	0.82	23.8232	0.2335	0.9800	ug/L
	U-pCi	238	256433.643	0.82	15.9615	0.1564	0.9800	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.422
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110019

Sample Date/Time: 16:50:42 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110019.131
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	319495.075	319495.08				ug/L
	U	238	3778.999	0.01	0.3413	0.0040	1.1729	ug/L
	U-pCi	238	3778.999	0.01	0.2287	0.0027	1.1729	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.228
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110024

Sample Date/Time: 16:53:05 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110024.132
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	301079.140	301079.14				ug/L
	U	238	3445.006	0.01	0.3302	0.0026	0.7744	ug/L
	U-pCi	238	3445.006	0.01	0.2212	0.0017	0.7744	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	88.796
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110025

Sample Date/Time: 16:55:28 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110025.133
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	304056.580	304056.58				ug/L
	U	238	5837.389	0.02	0.5562	0.0073	1.3142	ug/L
	U-pCi	238	5837.389	0.02	0.3726	0.0049	1.3142	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	89.675
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110026

Sample Date/Time: 16:57:51 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110026.134
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	315506.415	315506.42				ug/L
	U	238	175.335	0.00	0.0131	0.0005	4.0898	ug/L
	U-pCi	238	175.335	0.00	0.0088	0.0004	4.0898	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.051
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110027

Sample Date/Time: 17:00:15 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110027.135
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	307051.189	307051.19				ug/L
	U	238	7207.136	0.02	0.6805	0.0093	1.3614	ug/L
	U-pCi	238	7207.136	0.02	0.4559	0.0062	1.3614	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	90.558
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110018

Sample Date/Time: 17:02:38 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110018.136
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	308466.297	308466.30				ug/L
	U	238	110456.543	0.36	10.4250	0.1323	1.2693	ug/L
	U-pCi	238	110456.543	0.36	6.9848	0.0887	1.2693	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	90.975
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110020

Sample Date/Time: 17:05:03 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110020.137
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	319993.951	319993.95				ug/L
	U	238	175163.919	0.55	15.9361	0.1399	0.8776	ug/L
	U-pCi	238	175163.919	0.55	10.6772	0.0937	0.8776	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.375
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 17:07:32 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.138
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	340773.601	340773.60				ug/L
	U	238	1206964.528	3.54	103.1165	0.8858	0.8590	ug/L
	U-pCi	238	1206964.528	3.54	69.0881	0.5935	0.8590	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.503
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 17:10:15 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.139
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	313522.602	313522.60				ug/L
	U	238	250.004	0.00	0.0201	0.0022	10.8113	ug/L
	U-pCi	238	250.004	0.00	0.0135	0.0015	10.8113	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.466
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110021

Sample Date/Time: 17:12:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110021.140
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	308830.137	308830.14				ug/L
	U	238	61897.617	0.20	5.8337	0.0497	0.8526	ug/L
	U-pCi	238	61897.617	0.20	3.9085	0.0333	0.8526	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.082
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604110022

Sample Date/Time: 17:15:08 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604110022.141
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	313478.972	313478.97				ug/L
	U	238	76581.760	0.24	7.1107	0.0722	1.0147	ug/L
	U-pCi	238	76581.760	0.24	4.7641	0.0483	1.0147	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.453
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 17:17:32 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.142
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	346291.596	346291.60				ug/L
	U	238	1237534.957	3.57	104.0599	0.9751	0.9371	ug/L
	U-pCi	238	1237534.957	3.57	69.7201	0.6533	0.9371	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.131
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: QC-CHECK

Sample Date/Time: 17:19:56 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\QC-CHECK.143
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	320001.986	320001.99				ug/L
	U	238	244978.150	0.77	22.3020	0.2647	1.1868	ug/L
	U-pCi	238	244978.150	0.77	14.9424	0.1773	1.1868	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.377
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: MRL

Sample Date/Time: 17:22:20 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\MRL.144
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	310865.147	310865.15				ug/L
	U	238	11357.061	0.04	1.0608	0.0044	0.4155	ug/L
	U-pCi	238	11357.061	0.04	0.7107	0.0030	0.4155	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.683
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_MBLANK

Sample Date/Time: 17:24:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_MBLANK.145
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	296369.455	296369.46				ug/L
	U	238	44.500	0.00	0.0013	0.0007	51.3711	ug/L
	U-pCi	238	44.500	0.00	0.0009	0.0004	51.3711	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	87.407
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_LCS

Sample Date/Time: 17:27:07 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_LCS.146
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	330853.349	330853.35				ug/L
	U	238	220968.648	0.67	19.4416	0.1340	0.6892	ug/L
	U-pCi	238	220968.648	0.67	13.0259	0.0898	0.6892	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	97.578
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_LCSD

Sample Date/Time: 17:29:30 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_LCSD.147
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
[>	Bi	209	332912.423	332912.42				ug/L
	U	238	219650.903	0.66	19.2124	0.2625	1.3664	ug/L
[	U-pCi	238	219650.903	0.66	12.8723	0.1759	1.3664	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.185
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050141

Sample Date/Time: 17:31:53 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050141.148
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	312584.562	312584.56				ug/L
	U	238	56909.519	0.18	5.2985	0.0581	1.0972	ug/L
	U-pCi	238	56909.519	0.18	3.5500	0.0390	1.0972	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.190
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050141MS

Sample Date/Time: 17:34:17 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050141MS.149
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	308788.079	308788.08				ug/L
	U	238	271796.611	0.88	25.6302	0.2268	0.8847	ug/L
	U-pCi	238	271796.611	0.88	17.1723	0.1519	0.8847	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.070
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 17:36:45 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.150
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	348197.739	348197.74				ug/L
	U	238	1219958.329	3.50	102.0249	1.2777	1.2523	ug/L
	U-pCi	238	1219958.329	3.50	68.3567	0.8561	1.2523	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.693
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 17:39:28 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.151
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	324652.684	324652.68				ug/L
	U	238	230.337	0.00	0.0176	0.0021	12.1566	ug/L
	U-pCi	238	230.337	0.00	0.0118	0.0014	12.1566	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.749
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050141MSD

Sample Date/Time: 17:41:55 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050141MSD.152
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	318567.844	318567.84				ug/L
	U	238	283958.783	0.89	25.9528	0.3227	1.2434	ug/L
	U-pCi	238	283958.783	0.89	17.3884	0.2162	1.2434	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.954
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050214

Sample Date/Time: 17:44:19 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050214.153
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	321693.264	321693.26				ug/L
	U	238	12864.408	0.04	1.1614	0.0163	1.4049	ug/L
	U-pCi	238	12864.408	0.04	0.7781	0.0109	1.4049	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.876
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2604050241

Sample Date/Time: 17:46:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2604050241.154
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	308860.785	308860.79				ug/L
	U	238	11496.247	0.04	1.0809	0.0151	1.3947	ug/L
	U-pCi	238	11496.247	0.04	0.7242	0.0101	1.3947	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.091
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_MBLANK

Sample Date/Time: 17:49:06 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_MBLANK.155
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	338902.159	338902.16				ug/L
	U	238	40.667	0.00	0.0004	0.0005	131.0899	ug/L
	U-pCi	238	40.667	0.00	0.0003	0.0003	131.0899	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	99.951
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_LCS

Sample Date/Time: 17:51:30 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_LCS.156
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	338473.103	338473.10				ug/L
	U	238	227049.370	0.67	19.5338	0.2312	1.1836	ug/L
	U-pCi	238	227049.370	0.67	13.0877	0.1549	1.1836	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	99.825
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 200.8_LCSD

Sample Date/Time: 17:53:55 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\200.8_LCSD.157
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	340875.199	340875.20				ug/L
	U	238	224140.834	0.66	19.1446	0.2127	1.1110	ug/L
	U-pCi	238	224140.834	0.66	12.8269	0.1425	1.1110	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.533
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603280007

Sample Date/Time: 17:56:20 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603280007.158
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	319642.801	319642.80				ug/L
	U	238	17741.713	0.06	1.6135	0.0185	1.1457	ug/L
	U-pCi	238	17741.713	0.06	1.0811	0.0124	1.1457	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.271
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603280007MS

Sample Date/Time: 17:58:44 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603280007MS.159
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	326833.171	326833.17				ug/L
	U	238	240573.702	0.74	21.4302	0.1705	0.7955	ug/L
	U-pCi	238	240573.702	0.74	14.3582	0.1142	0.7955	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.392
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603280007MSD

Sample Date/Time: 18:01:08 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603280007MSD.160
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	326136.568	326136.57				ug/L
	U	238	239301.807	0.73	21.3691	0.3156	1.4769	ug/L
	U-pCi	238	239301.807	0.73	14.3173	0.2114	1.4769	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.187
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603310137

Sample Date/Time: 18:03:32 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603310137.161
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	311631.489	311631.49				ug/L
	U	238	165479.222	0.53	15.4618	0.2059	1.3317	ug/L
	U-pCi	238	165479.222	0.53	10.3594	0.1380	1.3317	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.909
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 18:06:01 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.162
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	328353.666	328353.67				ug/L
	U	238	1112114.972	3.39	98.6570	1.0587	1.0731	ug/L
	U-pCi	238	1112114.972	3.39	66.1002	0.7093	1.0731	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.840
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 18:08:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.163
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	324641.159	324641.16				ug/L
	U	238	206.670	0.00	0.0154	0.0006	3.8473	ug/L
	U-pCi	238	206.670	0.00	0.0103	0.0004	3.8473	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.745
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: WASH

Sample Date/Time: 18:11:11 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\WASH.164
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	328592.471	328592.47				ug/L
	U	238	175.335	0.00	0.0125	0.0014	10.9969	ug/L
	U-pCi	238	175.335	0.00	0.0084	0.0009	10.9969	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.911
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_MBLANK

Sample Date/Time: 18:13:44 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_MBLANK.165
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	328486.392	328486.39				ug/L
	U	238	39.833	0.00	0.0004	0.0003	70.4678	ug/L
	U-pCi	238	39.833	0.00	0.0003	0.0002	70.4678	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.880
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_LCS

Sample Date/Time: 18:16:18 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_LCS.166
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	334684.212	334684.21				ug/L
	U	238	218096.986	0.65	18.9714	0.1858	0.9795	ug/L
	U-pCi	238	218096.986	0.65	12.7109	0.1245	0.9795	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.707
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_LCSD

Sample Date/Time: 18:19:17 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_LCSD.167
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	332943.273	332943.27				ug/L
	U	238	218984.251	0.66	19.1507	0.1513	0.7901	ug/L
	U-pCi	238	218984.251	0.66	12.8309	0.1014	0.7901	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.194
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603090347

Sample Date/Time: 18:21:40 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603090347.168
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	330957.531	330957.53				ug/L
	U	238	56405.345	0.17	4.9593	0.0553	1.1156	ug/L
	U-pCi	238	56405.345	0.17	3.3227	0.0371	1.1156	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	97.608
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603100260

Sample Date/Time: 18:24:04 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603100260.169
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	353730.821	353730.82				ug/L
	U	238	137.168	0.00	0.0082	0.0014	16.6831	ug/L
	U-pCi	238	137.168	0.00	0.0055	0.0009	16.6831	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	104.325
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603140472

Sample Date/Time: 18:26:28 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603140472.170
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	343797.807	343797.81				ug/L
	U	238	56.000	0.00	0.0016	0.0003	18.4373	ug/L
	U-pCi	238	56.000	0.00	0.0011	0.0002	18.4373	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	101.395
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603140436

Sample Date/Time: 18:28:53 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603140436.171
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	321127.952	321127.95				ug/L
	U	238	47071.100	0.15	4.2648	0.0370	0.8684	ug/L
	U-pCi	238	47071.100	0.15	2.8574	0.0248	0.8684	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.709
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603150119

Sample Date/Time: 18:31:18 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603150119.172
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	348363.810	348363.81				ug/L
	U	238	162.835	0.00	0.0105	0.0006	5.8615	ug/L
	U-pCi	238	162.835	0.00	0.0070	0.0004	5.8615	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.742
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603150120

Sample Date/Time: 18:33:42 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603150120.173
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	322537.270	322537.27				ug/L
	U	238	97807.428	0.30	8.8275	0.0841	0.9522	ug/L
	U-pCi	238	97807.428	0.30	5.9145	0.0563	0.9522	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.125
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 18:36:11 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.174
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	352296.248	352296.25				ug/L
	U	238	1190883.369	3.38	98.4278	1.5795	1.6047	ug/L
	U-pCi	238	1190883.369	3.38	65.9466	1.0583	1.6047	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	103.902
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 18:38:54 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.175
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	341231.234	341231.23				ug/L
	U	238	127.668	0.00	0.0078	0.0008	9.8014	ug/L
	U-pCi	238	127.668	0.00	0.0052	0.0005	9.8014	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.638
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603210156

Sample Date/Time: 18:41:22 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603210156.176
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	321971.227	321971.23				ug/L
	U	238	52020.952	0.16	4.7021	0.0767	1.6318	ug/L
	U-pCi	238	52020.952	0.16	3.1504	0.0514	1.6318	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.958
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603210144

Sample Date/Time: 18:43:47 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603210144.177
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	328679.284	328679.28				ug/L
	U	238	53639.333	0.16	4.7487	0.0390	0.8214	ug/L
	U-pCi	238	53639.333	0.16	3.1816	0.0261	0.8214	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.936
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603210150

Sample Date/Time: 18:46:11 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603210150.178
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	331860.557	331860.56				ug/L
	U	238	27316.979	0.08	2.3939	0.0274	1.1437	ug/L
	U-pCi	238	27316.979	0.08	1.6039	0.0183	1.1437	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	97.875
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603210155

Sample Date/Time: 18:48:35 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603210155.179
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	314318.220	314318.22				ug/L
	U	238	51944.371	0.17	4.8097	0.0347	0.7222	ug/L
	U-pCi	238	51944.371	0.17	3.2225	0.0233	0.7222	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.701
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603210153

Sample Date/Time: 18:50:59 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603210153.180
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample
>	Bi	209	324545.762	324545.76				ug/L
	U	238	81430.908	0.25	7.3026	0.0594	0.8137	ug/L
	U-pCi	238	81430.908	0.25	4.8927	0.0398	0.8137	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.717
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603220357

Sample Date/Time: 18:53:23 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603220357.181
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	326102.616	326102.62				ug/L
	U	238	23231.071	0.07	2.0718	0.0313	1.5103	ug/L
	U-pCi	238	23231.071	0.07	1.3881	0.0210	1.5103	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.177
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603220360

Sample Date/Time: 18:55:47 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603220360.182
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	324382.772	324382.77				ug/L
	U	238	44104.924	0.14	3.9558	0.0376	0.9494	ug/L
	U-pCi	238	44104.924	0.14	2.6504	0.0252	0.9494	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.669
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603220348

Sample Date/Time: 18:58:12 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603220348.183
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	332513.269	332513.27				ug/L
	U	238	27443.121	0.08	2.3999	0.0143	0.5966	ug/L
	U-pCi	238	27443.121	0.08	1.6079	0.0096	0.5966	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.067
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603220347

Sample Date/Time: 19:00:36 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603220347.184
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	312584.859	312584.86				ug/L
	U	238	32366.924	0.10	3.0135	0.0349	1.1595	ug/L
	U-pCi	238	32366.924	0.10	2.0190	0.0234	1.1595	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	92.190
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603230069

Sample Date/Time: 19:03:00 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603230069.185
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	328687.653	328687.65				ug/L
	U	238	481544.896	1.47	42.6637	0.4915	1.1520	ug/L
	U-pCi	238	481544.896	1.47	28.5847	0.3293	1.1520	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.939
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 19:05:30 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.186
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	361538.643	361538.64				ug/L
	U	238	1187848.365	3.29	95.6687	1.3318	1.3921	ug/L
	U-pCi	238	1187848.365	3.29	64.0980	0.8923	1.3921	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	106.628
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 19:08:12 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.187
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	343168.969	343168.97				ug/L
	U	238	161.668	0.00	0.0106	0.0001	1.3418	ug/L
	U-pCi	238	161.668	0.00	0.0071	0.0001	1.3418	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	101.210
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603230197

Sample Date/Time: 19:10:41 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603230197.188
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	334451.471	334451.47				ug/L
	U	238	22417.626	0.07	1.9486	0.0249	1.2792	ug/L
	U-pCi	238	22417.626	0.07	1.3056	0.0167	1.2792	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.639
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603240135

Sample Date/Time: 19:13:05 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603240135.189
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	310931.202	310931.20				ug/L
	U	238	137061.976	0.44	12.8375	0.1679	1.3077	ug/L
	U-pCi	238	137061.976	0.44	8.6011	0.1125	1.3077	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	91.702
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603240135MS

Sample Date/Time: 19:15:30 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603240135MS.190
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	317748.123	317748.12				ug/L
	U	238	352393.545	1.11	32.2938	0.3649	1.1300	ug/L
	U-pCi	238	352393.545	1.11	21.6368	0.2445	1.1300	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.713
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603240135MSD

Sample Date/Time: 19:17:54 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603240135MSD.191
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	326904.086	326904.09				ug/L
	U	238	357532.614	1.09	31.8443	0.3675	1.1540	ug/L
	U-pCi	238	357532.614	1.09	21.3357	0.2462	1.1540	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.413
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603240122

Sample Date/Time: 19:20:19 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603240122.192
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	318004.014	318004.01				ug/L
	U	238	69701.715	0.22	6.3830	0.0849	1.3301	ug/L
	U-pCi	238	69701.715	0.22	4.2766	0.0569	1.3301	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.788
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603240118

Sample Date/Time: 19:22:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603240118.193
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	320040.097	320040.10				ug/L
	U	238	1657.359	0.01	0.1477	0.0035	2.3910	ug/L
	U-pCi	238	1657.359	0.01	0.0990	0.0024	2.3910	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	94.389
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: WASH

Sample Date/Time: 19:25:08 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\WASH.194
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	347783.766	347783.77				ug/L
	U	238	24.333	-0.00	-0.0011	0.0003	29.8354	ug/L
	U-pCi	238	24.333	-0.00	-0.0007	0.0002	29.8354	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	102.571
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_MBLANK

Sample Date/Time: 19:27:32 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_MBLANK.195
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	336174.886	336174.89				ug/L
	U	238	24.000	-0.00	-0.0010	0.0004	36.7344	ug/L
	U-pCi	238	24.000	-0.00	-0.0007	0.0003	36.7344	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	99.147
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_LCS

Sample Date/Time: 19:29:56 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_LCS.196
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	334940.413	334940.41				ug/L
	U	238	207706.207	0.62	18.0605	0.2344	1.2977	ug/L
	U-pCi	238	207706.207	0.62	12.1005	0.1570	1.2977	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	98.783
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 6020_LCSD

Sample Date/Time: 19:32:26 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\6020_LCSD.197
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	343557.582	343557.58				ug/L
	U	238	215993.267	0.63	18.3043	0.2421	1.3225	ug/L
	U-pCi	238	215993.267	0.63	12.2639	0.1622	1.3225	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	101.324
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 19:34:55 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.198
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	363167.691	363167.69				ug/L
	U	238	1172903.819	3.23	94.0389	0.7056	0.7503	ug/L
	U-pCi	238	1172903.819	3.23	63.0061	0.4728	0.7503	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	107.108
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 19:37:38 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.199
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	324924.981	324924.98				ug/L
	U	238	126.501	0.00	0.0082	0.0004	4.8450	ug/L
	U-pCi	238	126.501	0.00	0.0055	0.0003	4.8450	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	95.829
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603250005

Sample Date/Time: 19:40:06 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603250005.200
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	340245.815	340245.82				ug/L
	U	238	53.667	0.00	0.0015	0.0002	14.2984	ug/L
	U-pCi	238	53.667	0.00	0.0010	0.0001	14.2984	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.348
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603250005MS

Sample Date/Time: 19:42:31 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603250005MS.201
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
>	Bi	209	340677.162	340677.16				ug/L
	U	238	212702.718	0.62	18.1857	0.1906	1.0481	ug/L
	U-pCi	238	212702.718	0.62	12.1844	0.1277	1.0481	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	100.475
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: 2603250005MSD

Sample Date/Time: 19:44:56 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\2603250005MSD.202
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample C
>	Bi	209	360249.416	360249.42				ug/L
	U	238	224327.771	0.62	18.1292	0.2196	1.2111	ug/L
	U-pCi	238	224327.771	0.62	12.1465	0.1471	1.2111	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	106.247
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCV

Sample Date/Time: 19:47:20 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCV.203
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	329214.875	329214.87				ug/L
	U	238	1072534.892	3.26	94.8982	0.5591	0.5892	ug/L
	U-pCi	238	1072534.892	3.26	63.5818	0.3746	0.5892	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	97.094
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: MRL

Sample Date/Time: 19:49:43 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\MRL.204
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	331068.894	331068.89				ug/L
	U	238	11247.395	0.03	0.9863	0.0096	0.9726	ug/L
	U-pCi	238	11247.395	0.03	0.6608	0.0064	0.9726	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	97.641
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: MRL

Sample Date/Time: 19:52:06 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\MRL.205
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	327555.158	327555.16				ug/L
	U	238	10964.469	0.03	0.9715	0.0063	0.6468	ug/L
	U-pCi	238	10964.469	0.03	0.6509	0.0042	0.6468	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	96.605
U	
U-pCi	

Method 200.8 - Summary Report

Sample ID: CCB

Sample Date/Time: 19:54:28 Wed 12-Apr-06
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\060412U.sam
Method File: C:\elandata\Method\u-auto250.mth
Dataset File: C:\elandata\Dataset\20060412\CCB.206
Tuning File: C:\elandata\Tuning\Tooney.tun
Optimization File: C:\elandata\Optimize\optimer.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
>	Bi	209	317376.126	317376.13				ug/L
	U	238	56.167	0.00	0.0021	0.0002	8.3962	ug/L
	U-pCi	238	56.167	0.00	0.0014	0.0001	8.3962	ug/L

QC Calculated Values

Analyte	Int Std % Recovery
Bi	93.603
U	
U-pCi	

Intial: DYH
Date: 3/13/06

METALS STANDARD DOCUMENTATION

Standard:	Single-Element Tungsten Standard	**ME #:**	0603008
Date Received/Prepped:	3/10/2006	**By:**	DYH
Date Expired:	9/1/2007	**Lot #:**	05I146
Manufacturer:	CPI International	**Certificate:**	YES
Matrix:	2% HNO3	**NIST SRM:**	3163
Amount:	100 mL	**Storage:**	Room Temp

Component	Comment	Conc.	Unit:
W	P/N 4400-1000633	1000	mg/L

SEP 1 07

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ME060300 8

CERTIFICATE OF ANALYSIS

P/N 4400-1000633
P/N S4400-1000633

Single Element Tungsten Standard
W in 2% HNO_3 + 1% HF
1000 ± 3 µg/mL

Lot # 05I146

Material Source: Tungsten Metal
Source Purity: 99.999 %
Specific Gravity: 1.010 @ 21 °C

This standard solution was prepared using high purity metal, sub-boiled distilled nitric and hydrofluoric acid and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

The standard solution concentration was certified by ICP against the National Institute of Standards and Technology's SRM 3163. Trace impurities of the 1000 µg/mL standard were analyzed by ICP-MS.

	ppb	DL		ppb	DL		ppb	DL		ppb	DL		ppb	DL
Al	420	0.1	Cu	12	0.1	Pb	2.1	0.7	K	ND	70	Tl	51	0.1
Sb	8.9	0.1	Dy	ND	0.1	Li	34	0.4	Pr	ND	0.1	Th	1.7	0.1
As	12	0.6	Er	ND	0.1	Lu	ND	1	Re	20	0.1	Tm	ND	0.1
Ba	1.8	0.1	Eu	ND	0.1	Mg	..	0.2	Rh	ND	0.1	Sn	2.4	0.1
Be	ND	0.1	Gd	ND	0.1	Mn	ND	1	Rb	ND	0.1	Ti	6	0.1
Bi	2.2	0.1	Ga	ND	0.1	Hg	INT	0.2	Ru	ND	0.1	W	X	0.1
B	1770	4	Ge	ND	0.1	Mo	73	0.1	Sm	ND	0.1	U	ND	0.1
Br	ND	10	Au	1.4	0.1	Nd	1.8	0.1	Se	ND	7	V	ND	1
Cd	ND	0.1	Hf	0.53	0.1	Ni	6.3	0.1	Si	14300	20	Yb	ND	0.1
Ca	162	30	Ho	ND	0.1	Nb	1.5	0.1	Ag	0.77	0.1	Y	ND	0.1
Ce	0.15	0.1	I	4.9	0.2	Os	ND	0.1	Na	1350	1	Zn	247	1
Cs	0.29	0.1	Ir	ND	0.1	Pd	0.12	0.1	Sr	0.33	0.1	Zr	INT	0.1
Cr	ND	1	Fe	ND	20	P	31	10	Ta	61	0.1			
Co	0.17	0.1	La	ND	0.1	Pt	ND	0.1	Te	ND	0.1			

X=Major Element INT=Interference from Major Element ND=Not Detected DL=Detection Limit

Accuracy and stability are guaranteed to within plus or minus 0.3% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the United States or +31 20 638 05 97 in Europe.

Intial: DTN
Date: 2/17/06

METALS STANDARD DOCUMENTATION

Standard: CRM ICPMS Rare-Earth Standards
Date Received/Prepped: 2/17/2006
Date Expired: 3/1/2007
Manufacturer: Inorganic Ventures
Matrix: 3.3% HCl
Amount:

ME #: 0602005
By: DTN
Lot #: Y-CICP16112
Certificate: Yes
NIST SRM: Various
Storage: Room Temp

Component	Comment	Conc.	Unit:
Gold	Cat. No. CMS-2	10	ug/mL
Iridium		10	ug/mL
Palladium		10	ug/mL
Platinum		10	ug/mL
Rhenium		10	ug/mL
Rhodium		10	ug/mL
Ruthenium		10	ug/mL
Tellerium		10	ug/mL

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CERTIFICATE OF ANALYSIS

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1.0 **INORGANIC VENTURES** is an ISO Guide 34:2000 registered Certified Reference Material (CRM) Manufacturer (Certificate #883-02). The certificate is designed and the data is determined in accordance with ISO Guide 31:2000 (Reference Materials-Contents of Certificates and Labels), ISO Guide 34:2000 "Quality System Guidelines for the Production of Reference Materials," and ISO Guide 35-1989 "Certification of Reference Materials - General and Statistical Principals."

2.0 **DESCRIPTION OF CRM**

	Stock Solution
Catalog No.:	CMS-2
Lot Number:	**Y-CICP16112**
Matrix:	3.3% HCl(abs)

10.00 µg/mL each:
Au, Ir, Pd, Pt, Re, Rh, Ru, Te

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Gold, Au	10.02 ± 0.04 µg/mL	Iridium, Ir	9.98 ± 0.04 µg/mL	Palladium, Pd	10.04 ± 0.04 µg/mL
Platinum, Pt	10.04 ± 0.06 µg/mL	Rhenium, Re	10.01 ± 0.04 µg/mL	Rhodium, Rh	10.04 ± 0.05 µg/mL
Ruthenium, Ru	10.00 ± 0.02 µg/mL	Tellurium, Te	10.02 ± 0.05 µg/mL		

Certified Density: 1.016 g/mL (measured at 22° C)

The Certified Value is based upon the most precise method used to analyze this CRM. The following equations are used in the calculation of the certified value and the uncertainty:

$$\text{Certified Value } (\bar{x}) = \frac{\sum x1}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2[(\sum s1)2]^{1/2}}{(n)^{1/2}}$$

($\bar{x}$) = mean
x1 = individual results
n = number of measurements
$\sum s1$ = The summation of all significant estimated errors
(Most common are the errors from instrumental measurement weighting, dilution to volume, and the fixed error reported on the NIST SRM certificate of analysis.)

4.0 **TRACEABILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

- "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)
- This IV product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors.

Intial: DTW
Date: 2/2/05

METALS STANDARD DOCUMENTATION

Standard: ICV Standard #3
Date Received/Prepped: 2/2/2005
Date Expired: 6/31/06
Manufacturer: CPI International
Matrix: 5% HCL
Amount: 100 mL

ME #: 0502002
By: DTN
Lot #: 2HF146
Certificate: Y
NIST SRM: Various
Storage: Room Temp

Component	Comment	Conc. Unit:
Gold	P/N 4400-010097	50 mg/L
Palladium		50 mg/L
Platinum		50 mg/L

CPI INTERNATIONAL

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The Netherlands www.cpiinternational.com

CERTIFICATE OF ANALYSIS

P/N 4400-010097
P/N 4400-010098

Initial Calibration Verification Standard 3
in 5% HCl

Lot # 2HF146

Material Source: Metals
Source Purity: 99.99+%

Elements and Concentrations: µg/mL

Au 50 Pd 50 Pt 50

This standard solution was prepared using high-purity reference materials, sub-boiled distilled acid and 18-megaohm deionized water. The starting materials were weighed to five significant figures and diluted in volumetric glassware calibrated to five significant figures.

Starting materials were analyzed by ICP-MS for trace impurities. The standard solution concentrations were certified instrumentally against an independent source traceable to the National Institute of Standards and Technology's SRM 3100series.

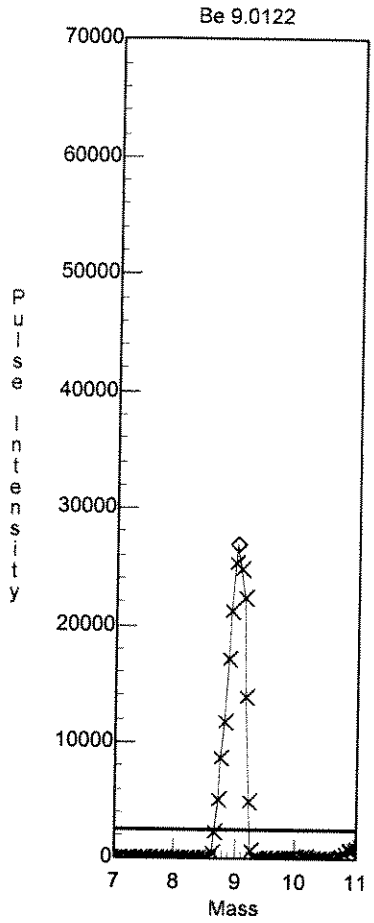
Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

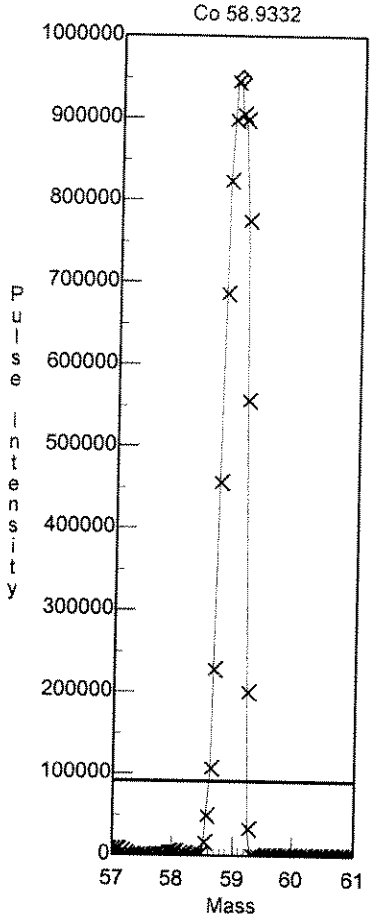
For questions or comments please call 1-800-878-7654.

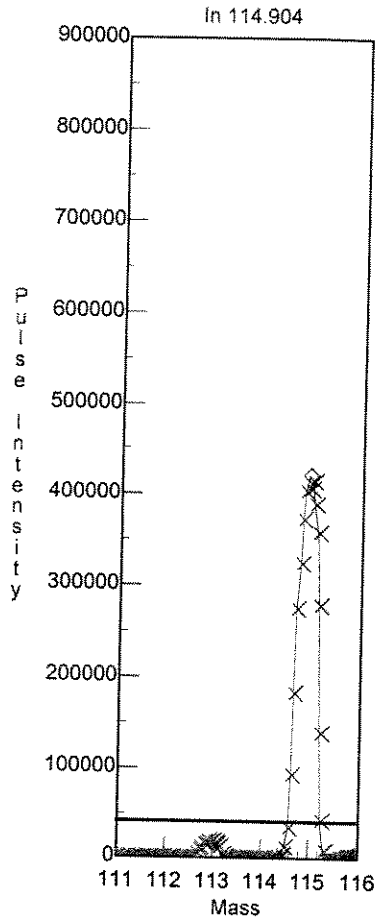
File ID : 060406w

SAMPLE ID	W	Pt
MBLANK	ND	ND
LCS	21.3 (106%)	20.6 (103%)
LCSD	22.0 (110%)	21.1 (106%)
03240135MS	19.7 (98%)	19.3 (97%)
03240135MSD	20.4 (102%)	20.5 (103%)
2603090347	ND	ND
2603100260	ND	ND
2603140472	ND	ND
2603150119	ND	ND
2603150120	ND	ND
2603210144	ND	ND
2603210150	ND	ND
2603210153	ND	ND
2603210155	ND	ND
2603210156	ND	ND
2603220347	ND	ND
2603220348	ND	ND
2603220357	ND	ND
2603220360	ND	ND
2603230069	ND	ND
2603230197	ND	ND
2603240118	ND	ND
2603240122	ND	ND
2603240135	ND	ND
2603240119MS	98%	97%
2603240120MSD	102%	103%

Calibration Standard : CPI ME0502002 (Lot # 2HF146)
SPIKE Standard : ME0602005 (Lot Y-CICP16112)


Be 9.0122
Pulse Intensity
70000
60000
50000
40000
30000
20000
10000
0
7
8
9
10
11
Mass


Co 58.9332
Pulse Intensity
1000000
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
57
58
59
60
61
Mass


In 114.904
Pulse Intensity
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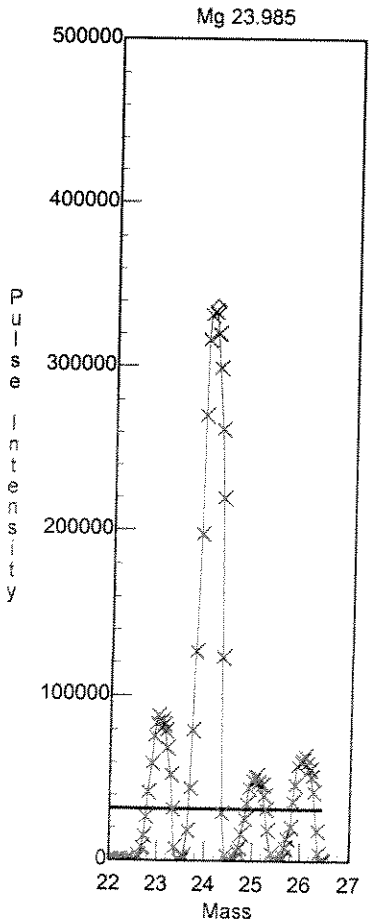
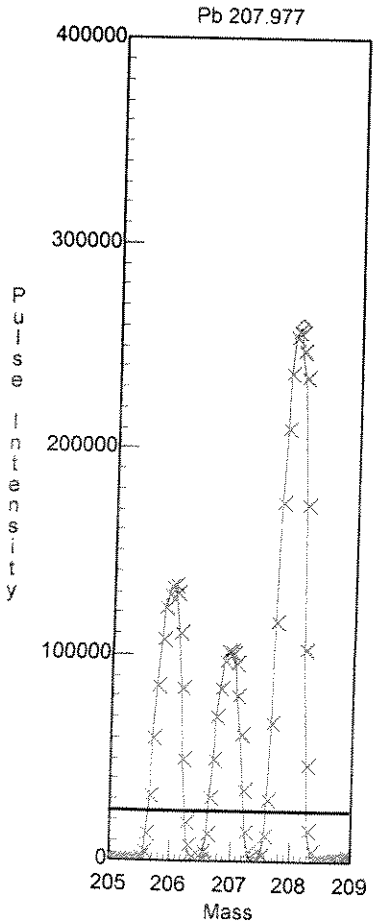
800000
700000
600000
500000
400000
300000
200000
100000
0
111
112
113
114
115
116
Mass


Mg 23.985
Pulse Intensity
500000
400000
300000
200000
100000
0
22
23
24
25
26
27
Mass


Pb 207.977
Pulse Intensity
400000
300000
200000
100000
0
205
206
207
208
209
Mass

Daily Performance Report

Sample ID: 1.0 ppb Standard
Sample Date/Time: Thursday, April 06, 2006 08:02:28
Sample Description: Daily Preformance Check
Method File: C:\elandata\Method\Daily1 Performance.mth
Dataset File:
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Dual Detector Mode: Pulse
Acq. Dead Time(ns): 35
Current Dead Time (ns): 35
Number of Replicates: 5

Summary

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Net Intens. SD	Net Intens. RSD
	Mg	24.0	17944.0	17944.024	760.509	4.2
	In	114.9	41983.2	41983.210	589.273	1.4
	Pb	208.0	17483.1	17483.093	220.606	1.3
⌈>	Ce	139.9	32897.2	32897.236	232.361	0.7
⌊	CeO	155.9	916.1	0.028	0.001	2.4
⌈>	Ba	137.9	27045.2	27045.213	139.582	0.5
⌊	Ba++	69.0	467.8	0.017	0.001	3.4
	220	220.0	0.2	0.200	0.274	136.9
	8.5	8.5	3.6	3.600	1.387	38.5

Opt File-Man Adjust Sec

C Val	Description
0.86	Nebulizer Gas Flow [NEB]
1.60	Auxiliary Gas Flow
18.00	Plasma Gas Flow
9.60	Lens Voltage
1150.00	ICP RF Power
-1812.50	Analog Stage Voltage
1150.00	Pulse Stage Voltage
-1.00	Quadrupole Rod Offset Std [QRO]
-9.00	Cell Rod Offset Std [CRO]
70.00	Discriminator Threshold
-24.00	Cell Path Voltage Std [CPV]
0.00	RPa
0.25	RPq
0.88	DRC Mode NEB
-6.00	DRC Mode QRO
-2.00	DRC Mode CRO
-25.00	DRC Mode CPV
0.00	Cell Gas A
0.00	Cell Gas B

Replicates

Analyte	Meas. Intensity
Mg	18718.556
In	42344.665
Pb	17553.778
Ce	32964.990
CeO	920.074
Ba	27098.725
Ba++	456.507
220	0.000

8.5	4.000
Analyte	Meas. Intensity
Mg	18071.640
In	42477.057
Pb	17581.813
Ce	33074.242
CeO	958.797
Ba	27228.664
Ba++	476.008
220	0.000
8.5	5.000
Analyte	Meas. Intensity
Mg	18284.356
In	42411.864
Pb	17693.951
Ce	33091.282
CeO	903.352
Ba	27056.285
Ba++	464.508
220	0.000
8.5	1.500
Analyte	Meas. Intensity
Mg	17959.026
In	41397.896
Pb	17470.676
Ce	32829.679
CeO	902.472
Ba	26848.631
Ba++	450.007
220	0.500
8.5	4.500
Analyte	Meas. Intensity
Mg	16686.543
In	41284.568
Pb	17115.246
Ce	32525.986
CeO	895.872
Ba	26993.760
Ba++	492.008
220	0.500
8.5	3.000

Method 200.8 - Summary Report

Sample ID: Blank

Sample Date/Time: Thursday, April 06, 2006 13:53:29
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File:
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184		62	11.2				mg/L
|>	**Tb**	159		339248	3.1				mg/L
⌊	**Pt**	195		5	26.6				mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	
Pt	

Method 200.8 - Summary Report

Sample ID: Standard 1

Sample Date/Time: Thursday, April 06, 2006 13:56:37
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File:
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
	W	184	62	3706	7.1	**1.0000**	0.0692	6.9	mg/L
>	**Tb**	159	339248	346645	2.8				mg/L
	Pt	195	5	3241	7.3	**1.0000**	0.0865	8.6	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	
Pt	

Method 200.8 - Summary Report

Sample ID: Standard 2

Sample Date/Time: Thursday, April 06, 2006 14:05:32
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File:
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	324326	8.1	**50.0089**	1.6073	3.2	mg/L
| >	**Tb**	159	339248	341585	5.7				mg/L
⌞	**Pt**	195	5	167705	9.1	**50.0009**	2.1831	4.4	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	
Pt	

Method 200.8 - Summary Report

Sample ID: Standard 3

Sample Date/Time: Thursday, April 06, 2006 14:11:40
Sample Type: Sample
Sample Description:
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File:
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL):

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	457999	0.9	**90.6394**	0.2605	0.3	mg/L
>	**Tb**	159	339248	339645	0.8				mg/L
⌞	**Pt**	195	5	405549	0.7	**101.1300**	0.8072	0.8	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST ICV

Sample Date/Time: Thursday, April 06, 2006 14:14:17
Sample Type: Sample
Sample Description: Calibration Verif. (50 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST ICV.039
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
⌜	W	184	347205.887	1.03	50.1560	0.5174	1.0316	mg/L
|>	Tb	159	338572.692	338572.69				mg/L
⌞	Pt	195	196381.877	0.58	49.1388	0.9916	2.0179	mg/L

Method 200.8 - Summary Report

Sample ID: WTEST ICB

Sample Date/Time: Thursday, April 06, 2006 14:28:58
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST ICB.040
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
	W	184	2274.783	0.01	0.2959	0.0157	5.3073	mg/L
>	Tb	159	365068.637	365068.64				mg/L
	Pt	195	86.667	0.00	0.0187	0.0047	25.3897	mg/L

Method 200.8 - Summary Report

Sample ID: WTEST MRL-1

Sample Date/Time: Thursday, April 06, 2006 14:32:36
Sample Type: Sample
Sample Description: Calibration Check (1 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST MRL-1.041
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
⌈	W	184	8426.231	0.02	1.1598	0.0140	1.2112	mg/L
| >	Tb	159	352624.885	352624.89				mg/L
⌊	Pt	195	3968.885	0.01	0.9519	0.0101	1.0561	mg/L

Method 200.8 - Summary Report

Sample ID: WTEST LINRTY

Sample Date/Time: Thursday, April 06, 2006 14:34:38
Sample Type: Sample
Sample Description: Calibration Check (100 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST LINRTY.042
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
⌈	W	184	167347.930	0.52	100.7664	1.5122	1.5007	mg/L
\>	Tb	159	325066.222	325066.22				mg/L
⌊	Pt	195	105845.300	0.33	109.1432	1.1263	1.0319	mg/L

Method 200.8 - Summary Report

Sample ID: ICPMS ICSA

Sample Date/Time: Thursday, April 06, 2006 14:42:04
Sample Type: Sample
Sample Description: Interference Check (ME0602002)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\ICPMS ICSA.043
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
	W	184	4134.346	0.01	0.5836	0.0322	5.5094	mg/L
>	Tb	159	341408.633	341408.63				mg/L
	Pt	195	105.417	0.00	0.0245	0.0016	6.6384	mg/L

Method 200.8 - Summary Report

Sample ID: C.O.B.

Sample Date/Time: Thursday, April 06, 2006 14:45:31
Sample Type: Sample
Sample Description: Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\C.O.B..044
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
⌈	W	184	3337.885	0.01	0.4621	0.0165	3.5609	mg/L
| >	Tb	159	346518.653	346518.65				mg/L
⌊	Pt	195	80.834	0.00	0.0182	0.0014	7.8678	mg/L

Method 200.8 - Summary Report

Sample ID: 200.8_MBLANK

Sample Date/Time: Thursday, April 06, 2006 14:47:56
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	2302	7.1	**0.3893**	0.0282	7.2	mg/L
| >	**Tb**	159	339248	347156	0.8				mg/L
⌊	**Pt**	195	5	42	17.4	**0.0068**	0.0013	19.2	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	102.331
Pt	

Method 200.8 - Summary Report

Sample ID: 200.8_LFB

Sample Date/Time: Thursday, April 06, 2006 14:49:38
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\200.8_LFB.046
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
	W	184	14623.319	0.04	21.0908	0.3549	1.6827	mg/L
>	Tb	159	337668.015	337668.01				mg/L
	Pt	195	8292.823	0.02	20.5549	0.0810	0.3939	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	99.534
Pt	

Method 200.8 - Summary Report

Sample ID: 200.8_LFBD

Sample Date/Time: Thursday, April 06, 2006 14:50:00
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\200.8_LFBD.047
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample L
	W	184	15274.520	0.04	21.7595	0.1182	0.5431	mg/L
>	Tb	159	341929.168	341929.17				mg/L
	Pt	195	8615.097	0.03	21.0868	0.1697	0.8048	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	100.790
Pt	

Method 200.8 - Summary Report

Sample ID: 2603090347

Sample Date/Time: Thursday, April 06, 2006 15:02:42
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	2006	6.0	**0.3546**	0.0177	5.0	mg/L
| >	**Tb**	159	339248	331123	1.4				mg/L
⌊	**Pt**	195	5	30	22.0	**0.0048**	0.0012	25.5	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	97.605
Pt	

Method 200.8 - Summary Report

Sample ID: 2603100260

Sample Date/Time: Thursday, April 06, 2006 15:04:26
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	1940	4.2	**0.3136**	0.0125	4.0	mg/L
|>	**Tb**	159	339248	360876	0.7				mg/L
⌊	**Pt**	195	5	40	13.9	**0.0062**	0.0011	16.9	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	106.375
Pt	

Method 200.8 - Summary Report

Sample ID: 2603140436

Sample Date/Time: Thursday, April 06, 2006 15:06:56
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	5955	2.0	**1.1479**	0.0163	1.4	mg/L
| >	**Tb**	159	339248	310188	0.7				mg/L
⌞	**Pt**	195	5	41	39.6	**0.0076**	0.0035	45.7	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	91.434
Pt	

Method 200.8 - Summary Report

Sample ID: 2603140472

Sample Date/Time: Thursday, April 06, 2006 15:08:29
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	1817	2.5	**0.2910**	0.0080	2.8	mg/L
| >	**Tb**	159	339248	363200	0.2				mg/L
⌞	**Pt**	195	5	31	16.9	**0.0045**	0.0009	20.8	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	107.061
Pt	

Method 200.8 - Summary Report

Sample ID: 2603150119

Sample Date/Time: Thursday, April 06, 2006 15:10:36
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	1529	3.1	**0.2489**	0.0036	1.4	mg/L
|>	**Tb**	159	339248	355049	2.6				mg/L
⌊	**Pt**	195	5	34	16.5	**0.0052**	0.0011	20.7	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	104.658
Pt	

Method 200.8 - Summary Report

Sample ID: 2603150119MS

Sample Date/Time: Thursday, April 06, 2006 15:12:05
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603150119MS.053
Tuning File: C:\elandata\Tuning\default.tun
Optimization File: C:\elandata\Optimize\optim1.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Meas. Intens. Mean	Net Intens. Mean	Conc. Mean	Conc. SD	Conc. RSD	Sample U
⌈	W	184	16006.044	0.05	22.0119	0.1576	0.7161	mg/L
|>	Tb	159	354219.754	354219.75				mg/L
⌊	Pt	195	8633.442	0.02	20.3991	0.3317	1.6259	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	104.413
Pt	

Method 200.8 - Summary Report

Sample ID: 2603150120

Sample Date/Time: Thursday, April 06, 2006 15:17:02
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	2448	2.2	**0.4190**	0.0144	3.4	mg/L
| >	**Tb**	159	339248	343835	1.2				mg/L
⌊	**Pt**	195	5	52	14.5	**0.0088**	0.0013	15.1	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	101.352
Pt	

Method 200.8 - Summary Report

Sample ID: 2603150144

Sample Date/Time: Thursday, April 06, 2006 15:18:33
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	5258	2.9	**0.9421**	0.0131	1.4	mg/L
| >	**Tb**	159	339248	333048	1.6				mg/L
⌞	**Pt**	195	5	27	22.2	**0.0041**	0.0011	26.0	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	98.173
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCV_1

Sample Date/Time: Thursday, April 06, 2006 15:20:28
Sample Type: Sample
Sample Description: Calibration Verif. (25 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCV_1.056
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
	W	184	62	189006	8.6	**25.5090**	0.1406	0.6	mg/L
>	**Tb**	159	339248	362252	8.6				mg/L
	Pt	195	5	106763	7.4	**24.6981**	0.3000	1.2	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	106.781
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCB_1

Sample Date/Time: Thursday, April 06, 2006 15:25:03
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCB_1.057
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	2232	2.7	**0.3029**	0.0071	2.3	mg/L
| >	**Tb**	159	339248	350215	1.7				mg/L
⌞	**Pt**	195	5	99	14.9	**0.0224**	0.0039	17.6	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	103.233
Pt	

Method 200.8 - Summary Report

Sample ID: 2603210150

Sample Date/Time: Thursday, April 06, 2006 15:28:15
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603210150.058
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	6225	0.2	**0.6682**	0.0034	0.5	mg/L
| >	**Tb**	159	339248	319445	0.4				mg/L
⌞	**Pt**	195	5	35	18.1	**0.0062**	0.0013	20.7	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	94.163
Pt	

Method 200.8 - Summary Report

Sample ID: 2603210153

Sample Date/Time: Thursday, April 06, 2006 15:30:01
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603210153.059
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	6628	1.5	**0.6812**	0.0189	2.8	mg/L
| >	**Tb**	159	339248	333846	3.2				mg/L
⌊	**Pt**	195	5	45	1.6	**0.0078**	0.0004	5.4	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	98.408
Pt	

Method 200.8 - Summary Report

Sample ID: 2603210155

Sample Date/Time: Thursday, April 06, 2006 15:33:08
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603210155.060
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	6418	1.2	**0.7386**	0.0046	0.6	mg/L
| >	**Tb**	159	339248	298213	0.8				mg/L
⌊	**Pt**	195	5	35	27.9	**0.0066**	0.0021	31.3	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	87.904
Pt	

Method 200.8 - Summary Report

Sample ID: 2603210156

Sample Date/Time: Thursday, April 06, 2006 15:34:49
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603210156.061
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	6730	2.6	**0.7624**	0.0175	2.3	mg/L
| >	**Tb**	159	339248	303006	0.5				mg/L
⌞	**Pt**	195	5	36	13.8	**0.0067**	0.0011	16.5	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	89.317
Pt	

Method 200.8 - Summary Report

Sample ID: 2603220347

Sample Date/Time: Thursday, April 06, 2006 15:36:26
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603220347.062
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	6210	1.2	**0.7295**	0.0030	0.4	mg/L
| >	**Tb**	159	339248	292108	0.9				mg/L
⌊	**Pt**	195	5	29	23.6	**0.0055**	0.0016	29.0	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	86.105
Pt	

Method 200.8 - Summary Report

Sample ID: 2603220348

Sample Date/Time: Thursday, April 06, 2006 15:38:03
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603220348.063
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	6136	1.7	**0.7031**	0.0037	0.5	mg/L
|>	**Tb**	159	339248	299360	1.2				mg/L
⌊	**Pt**	195	5	23	24.2	**0.0038**	0.0012	30.4	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	88.242
Pt	

Method 200.8 - Summary Report

Sample ID: 2603220357

Sample Date/Time: Thursday, April 06, 2006 15:39:39
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603220357.064
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	5869	2.6	**0.6768**	0.0119	1.8	mg/L
| >	**Tb**	159	339248	297356	0.9				mg/L
⌊	**Pt**	195	5	30	15.0	**0.0055**	0.0010	18.8	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	87.652
Pt	

Method 200.8 - Summary Report

Sample ID: 2603220360

Sample Date/Time: Thursday, April 06, 2006 15:41:57
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603220360.065
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	7910	2.0	**0.9796**	0.0202	2.1	mg/L
| >	**Tb**	159	339248	277674	0.5				mg/L
⌊	**Pt**	195	5	23	17.5	**0.0043**	0.0009	21.3	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	81.850
Pt	

Method 200.8 - Summary Report

Sample ID: 2603230069

Sample Date/Time: Thursday, April 06, 2006 15:43:45
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603230069.066
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	2887	4.2	**0.3725**	0.0126	3.4	mg/L
| >	**Tb**	159	339248	263817	1.2				mg/L
⌊	**Pt**	195	5	31	8.0	**0.0066**	0.0005	7.9	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	77.765
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCV_2

Sample Date/Time: Thursday, April 06, 2006 15:45:51
Sample Type: Sample
Sample Description: Calibration Verif. (20 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCV_2.067
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	19084	1.0	**20.2467**	0.4740	2.3	mg/L
|>	**Tb**	159	339248	325301	1.4				mg/L
⌊	**Pt**	195	5	10182	3.4	**20.2985**	0.8678	4.3	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	95.889
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCB_2

Sample Date/Time: Thursday, April 06, 2006 15:53:05
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCB_2.068
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	1822	2.7	**0.1908**	0.0038	2.0	mg/L
| >	**Tb**	159	339248	320013	2.3				mg/L
⌊	**Pt**	195	5	88	15.9	**0.0167**	0.0024	14.3	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	94.330
Pt	

Method 200.8 - Summary Report

Sample ID: 2603230197

Sample Date/Time: Thursday, April 06, 2006 15:55:34
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603230197.069
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	10626	0.3	**1.2169**	0.0068	0.6	mg/L
| >	**Tb**	159	339248	300687	0.3				mg/L
⌊	**Pt**	195	5	43	49.7	**0.0083**	0.0046	55.6	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	88.633
Pt	

Method 200.8 - Summary Report

Sample ID: 2603240118

Sample Date/Time: Thursday, April 06, 2006 15:58:01
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603240118.070
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	2669	2.7	**0.3514**	0.0081	2.3	mg/L
| >	**Tb**	159	339248	258317	0.5				mg/L
⌊	**Pt**	195	5	33	22.0	**0.0073**	0.0018	24.9	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	76.144
Pt	

Method 200.8 - Summary Report

Sample ID: 2603240122

Sample Date/Time: Thursday, April 06, 2006 15:59:47
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603240122.071
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	3562	3.6	**0.3838**	0.0150	3.9	mg/L
|>	**Tb**	159	339248	316006	0.4				mg/L
⌊	**Pt**	195	5	37	42.4	**0.0066**	0.0032	49.2	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	93.149
Pt	

Method 200.8 - Summary Report

Sample ID: 2603240135

Sample Date/Time: Thursday, April 06, 2006 16:01:44
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603240135.072
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	7640	1.0	**0.9953**	0.0035	0.4	mg/L
|>	**Tb**	159	339248	264003	0.6				mg/L
⌊	**Pt**	195	5	34	27.7	**0.0074**	0.0023	31.3	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	77.820
Pt	

Method 200.8 - Summary Report

Sample ID: 2603240119MS

Sample Date/Time: Thursday, April 06, 2006 16:03:20
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603240119MS.073
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	16216	2.0	**20.7327**	0.8368	4.0	mg/L
|>	**Tb**	159	339248	245582	2.7				mg/L
⌊	**Pt**	195	5	8021	0.9	**19.2560**	0.3642	1.9	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	72.390
Pt	

Method 200.8 - Summary Report

Sample ID: 2603240120MSD

Sample Date/Time: Thursday, April 06, 2006 16:04:58
Sample Type: Sample
Sample Description: 200.8 Digestion
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\2603240120MSD.074
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	16671	2.2	**21.4088**	1.1774	5.5	mg/L
|>	**Tb**	159	339248	244703	4.2				mg/L
⌊	**Pt**	195	5	8494	2.1	**20.4752**	0.6281	3.1	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	72.131
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST MRL-2

Sample Date/Time: Thursday, April 06, 2006 16:07:07
Sample Type: Sample
Sample Description: Calibration Check (1 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST MRL-2.075
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	8329	2.3	**0.9465**	0.0152	1.6	mg/L
| >	**Tb**	159	339248	302535	0.7				mg/L
⌊	**Pt**	195	5	4582	0.6	**0.9815**	0.0011	0.1	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	89.178
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCV

Sample Date/Time: Thursday, April 06, 2006 16:08:57
Sample Type: Sample
Sample Description: Calibration Verif. (20 ppb Standard)
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCV.076
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌈	**W**	184	62	18952	0.9	**19.5965**	0.1505	0.8	mg/L
|>	**Tb**	159	339248	303418	0.7				mg/L
⌊	**Pt**	195	5	10577	0.3	**20.5476**	0.0755	0.4	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	89.439
Pt	

Method 200.8 - Summary Report

Sample ID: WTEST CCB

Sample Date/Time: Thursday, April 06, 2006 16:13:50
Sample Type: Sample
Sample Description: Calibration Blank
Number of Replicates: 3
Sample File: C:\elandata\Sample\ashortbth.sam
Method File: C:\elandata\Method\WTEST.mth
Dataset File: C:\elandata\Dataset\060406dr\WTEST CCB.077
Tuning File: C:\elandata\Tuning\tooney.tun
Optimization File: C:\elandata\Optimize\optim.dac
Diluted To Volume (mL): 1

Concentration Results

	Analyte	Mass	Blank Int.	Meas. Int.	Meas. Int. RSD	Conc. Mean	Conc. SD	Conc. RSD	Sample Ur
⌜	**W**	184	62	946	3.3	**0.0975**	0.0045	4.6	mg/L
| >	**Tb**	159	339248	315637	1.1				mg/L
⌞	**Pt**	195	5	48	1.5	**0.0089**	0.0003	2.8	mg/L

QC Calculated Values

Analyte	Int Std % Recovery
W	
Tb	93.040
Pt	