

APPENDIX E

CERTIFICATIONS

UNCONTROLLED COPY

Appendix E
Quality Assurance Manual
Rev. 18.0
June 29, 2007



The American Industrial Hygiene Association

acknowledges that

Columbia Analytical Services, Inc.

2665 Park Center Drive, Suite A, Simi Valley, CA 93065-6200

Laboratory ID: 101661

has fulfilled the requirements of the AIHA Laboratory Quality Assurance Programs (LQAP), thereby, conforming to the ISO/IEC 17025:1999 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories*.

The above named laboratory, along with all premises from which key activities are performed, as listed above, have been accredited by AIHA in the following:

ACCREDITATION PROGRAMS

- INDUSTRIAL HYGIENE Accreditation Expires: 05/01/2008
- ENVIRONMENTAL LEAD Accreditation Expires:
- ENVIRONMENTAL MICROBIOLOGY Accreditation Expires:
- FOOD Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with LQAP requirements. This certificate is not valid without the attached **Scope of Accreditation**.

David Kahane

David Kahane, CIH
Chairperson, Analytical Accreditation Board

Frank M. Renshaw

Frank M. Renshaw, PhD, CIH, CSP
President, AIHA

Date Re-Issued: 11/28/2006





SOUND DATA
LABORATORY QUALITY ASSURANCE PROGRAMS
SMART DECISIONS

AIHA
Your Essential Connection: Advancing Occupational and Environmental Health and Safety Globally
 2700 Prosperity Ave., Suite 250, Fairfax, VA 22031 U.S.A.
 (703) 849-8888; Fax (703) 207-3561; www.aiha.org

AIHA Laboratory Quality Assurance Programs SCOPE OF ACCREDITATION

Columbia Analytical Services, Inc.
 2665 Park Center Drive, Suite A, Simi Valley, CA 93065-6200

Laboratory ID: **101661**
 Date Re-Issued: 11/28/2006

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA website at:
<http://www.aiha.org/Content/LQAP/accred/AccreditedLabs.htm>

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 09/01/1994

IHLAP Category	Field of Testing (FoT)	Method	Method Description <i>(for internal methods only)</i>
Core Program Testing	Gas Chromatography	NIOSH 1450	
		NIOSH 1457	
		NIOSH 1500	
		NIOSH 1501	
		NIOSH 1550	
		OSHA 07	

The laboratory participates in the following AIHA* or AIHA-approved proficiency testing programs:

- | | |
|--|---|
| <input type="checkbox"/> Metals* | <input checked="" type="checkbox"/> Organic Solvents* |
| <input type="checkbox"/> Silica* | <input checked="" type="checkbox"/> Diffusive Sampler (3M)* |
| <input type="checkbox"/> Asbestos* | <input type="checkbox"/> Diffusive Sampler (SKC)* |
| <input type="checkbox"/> Bulk Asbestos* | <input type="checkbox"/> Diffusive Sampler (AT)* |
| <input type="checkbox"/> Beryllium* | <input type="checkbox"/> WASP ¹ (Formaldehyde) |
| <input type="checkbox"/> WASP ¹ (Thermal Desorption Tubes) | |
| <input type="checkbox"/> Pharmaceutical Round Robin | |
| <input type="checkbox"/> Compressed/Breathing Air Round Robin | |
| <input type="checkbox"/> NVLAP (determined at the time of site assessment) | |

¹ Workplace Analytical Scheme for Proficiency

Effective: February 28, 2006
 Scope_IHLAP_R3
 Author: Kris Heinbaugh
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ENVIRONMENTAL LABORATORY LICENSE

Issued to:

Laboratory Director: **John Yokoyama**
Owner/Representative: **John Yokoyama**

Columbia Analytical Services, Inc.
AZ0694

is in compliance with Environmental Laboratory's applicable standards for the State of Arizona and maintains on file a List of Parameters for which the laboratory is certified to perform analysis.

PERIOD OF LICENSURE FROM: 06/28/2007 TO: 06/27/2008



A handwritten signature in black ink, appearing to read "Steven D. Baker".

Steven D. Baker, Chief
Office of Laboratory Services
Bureau of State Laboratory Services

AZ License: AZ0694

Lab Name: Columbia Analytical Services, Inc.

Lab Director: Mr. John Yokoyama

Phone: (805) 526-7161

Fax: (805) 526-7270

Program		AIR		
Parameter	EPA Method	Billing Code	Cert Date	
Volatile Organic Compounds	METHOD TO-15	AIR17	06/28/06	
Total Licensed Parameters in this Program: 1				

Program		HW		
Parameter	EPA Method	Billing Code	Cert Date	
Bromide	EPA 9056	NIIIA1	06/28/06	
Chloride	EPA 9056	NIIIA1	06/28/06	
Chromium, Hexavalent	EPA 7196A	MTL4	06/28/06	
Chromium, Hexavalent	EPA 7199	MTL4	06/28/06	
Closed System Purge And Trap Extract. Vocs	EPA 5035A	PREP2	12/05/06	
Corrosivity Ph Determination	EPA 9040C	HAZ1	12/05/06	
Fluoride	EPA 9056	NIIIA1	06/28/06	
Hydrogen Ion (Ph)	EPA 9045D	NIA6	12/05/06	
Nitrate	EPA 9056	NIIIA1	06/28/06	
Nitrite	EPA 9056	NIIIA1	06/28/06	
Nonhalogenated Organics Using Gc/Fid	EPA 8015D	VOC4	12/05/06	
Ortho-Phosphate	EPA 9056	NIIIA1	06/28/06	
Purge And Trap For Aqueous Samples	EPA 5030C	PREP2	12/05/06	
Specific Conductance	EPA 9050A	NIA7	06/28/06	
Sulfate	EPA 9056	NIIIA1	06/28/06	
Vocs By Gc/Ms	EPA 8260B	VOC8	06/28/06	
Total Licensed Parameters in this Program: 16				

Program		WW		
Parameter	EPA Method	Billing Code	Cert Date	
Bromide	EPA 300.0	NIIIA1	06/28/06	
Chloride	EPA 300.0	NIIIA1	06/28/06	
Chromium, Hexavalent	SM 3500-CR D	MTL4	06/28/06	
Color	SM 2120B	NIA4	12/05/06	
Fluoride	EPA 300.0	NIIIA1	06/28/06	
Hydrogen Ion (Ph)	SM 4500-H B	NIA6	02/20/07	
Nitrate	EPA 300.0	NIIIA1	06/28/06	
Nitrite (As N)	EPA 300.0	NIIIA1	06/28/06	
Nitrite (As N)	EPA 354.1	NIIIB4	06/28/06	
Orthophosphate	EPA 300.0	NIIIA1	06/28/06	
Purgeables	EPA 624	VOC8	06/28/06	
Residue Nonfilterable	SM 2540D	NIIA5	12/05/06	
Residue Total	SM 2540B	NIIA4	12/05/06	
Residue, Settleable Solids	SM 2540F	NIIA6	06/28/06	

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Tuesday, April 3 2007

AZ License: AZ0694

Lab Name: Columbia Analytical Services, Inc.

Program	WW			
	Parameter	EPA Method	Billing Code	Cert Date
	Specific Conductance	EPA 120.1	NIA7	06/28/06
	Sulfate	EPA 300.0	NIIIA1	06/28/06
	Turbidity	EPA 180.1	NIA9	06/28/06
Total Licensed Parameters in this Program:		17		

Instruments	Quantity	Date
GAS CHROMATOGRAPH/MASS SPECTROMETER	8	05/19/06
GAS CHROMATOGRAPH	2	05/19/06
ION CHROMATOGRAPH	2	11/27/06

Softwares
ENVIROQUANT - GCMS
HP CHEMSTATION - GC
ENVIROQUANT - GC
CHEMSTATION - GC/MS
METROHM - IC
STEALTH - GC
STEALTH GC/MS

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STATE OF CALIFORNIA
DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

NELAP - RECOGNIZED

ACCREDITATION

Is hereby granted to

COLUMBIA ANALYTICAL SERVICES, INC.

2655 PARK CENTER DRIVE, SUITE A
SIMI VALLEY, CA 93065

Scope of accreditation is limited to the
"NELAP Fields of Accreditation"
which accompanies this Certificate.

Continued accredited status depends on successful
ongoing participation in the program.

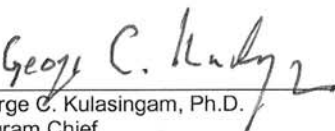
This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **02115CA**

Expiration Date: **12/31/2007**

Effective Date: **12/31/2006**

Richmond, California
subject to forfeiture or revocation


George C. Kulasingam, Ph.D.
Program Chief
Environmental Laboratory Accreditation Program

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CALIFORNIA DEPARTMENT OF HEALTH SERVICES
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM - NELAP RECOGNIZED
Fields of Accreditation



COLUMBIA ANALYTICAL SERVICES, INC.

Lab Phone (805) 526-7161

2655 PARK CENTER DRIVE, SUITE A
SIMI VALLEY, CA 93065

Certificate No: 02115CA Renew Date: 12/31/2007

INTERIM

108 - Inorganic Chemistry of Wastewater			
108.016	001	EPA 110.2	Color
108.020	001	EPA 120.1	Conductivity
108.050	001	EPA 150.1	pH
108.070	001	EPA 160.2	Residue, Non-filterable
108.080	001	EPA 160.3	Residue, Total
108.100	001	EPA 160.5	Residue, Settleable
108.110	001	EPA 180.1	Turbidity
108.120	001	EPA 300.0	Bromide
108.120	002	EPA 300.0	Chloride
108.120	003	EPA 300.0	Fluoride
108.120	004	EPA 300.0	Nitrate
108.120	005	EPA 300.0	Nitrite
108.120	006	EPA 300.0	Nitrate-nitrite, Total
108.120	007	EPA 300.0	Phosphate, Ortho
108.120	008	EPA 300.0	Sulfate
108.240	001	EPA 354.1	Nitrite
109 - Toxic Chemical Elements of Wastewater			
109.104	001	EPA 218.6	Chromium (VI)
109.811	001	SM3500-Cr D	Chromium (VI)
110 - Volatile Organic Chemistry of Wastewater			
110.040	001	EPA 624	Benzene
110.040	002	EPA 624	Bromodichloromethane
110.040	003	EPA 624	Bromoform
110.040	004	EPA 624	Bromomethane
110.040	005	EPA 624	Carbon Tetrachloride
110.040	006	EPA 624	Chlorobenzene
110.040	007	EPA 624	Chloroethane
110.040	008	EPA 624	2-Chloroethyl Vinyl Ether
110.040	009	EPA 624	Chloroform
110.040	010	EPA 624	Chloromethane
110.040	011	EPA 624	Dibromochloromethane
110.040	012	EPA 624	1,2-Dichlorobenzene
110.040	013	EPA 624	1,3-Dichlorobenzene

As of 01/17/2007, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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110.040	014	EPA 624	1,4-Dichlorobenzene
110.040	015	EPA 624	1,1-Dichloroethane
110.040	016	EPA 624	1,2-Dichloroethane
110.040	017	EPA 624	1,1-Dichloroethene
110.040	018	EPA 624	trans-1,2-Dichloroethene
110.040	019	EPA 624	1,2-Dichloropropane
110.040	020	EPA 624	cis-1,3-Dichloropropene
110.040	021	EPA 624	trans-1,3-Dichloropropene
110.040	022	EPA 624	Ethylbenzene
110.040	023	EPA 624	Methylene Chloride
110.040	024	EPA 624	1,1,2,2-Tetrachloroethane
110.040	025	EPA 624	Tetrachloroethene
110.040	026	EPA 624	Toluene
110.040	027	EPA 624	1,1,1-Trichloroethane
110.040	028	EPA 624	1,1,2-Trichloroethane
110.040	029	EPA 624	Trichloroethene
110.040	030	EPA 624	Trichlorofluoromethane
110.040	031	EPA 624	Vinyl Chloride

114 - Inorganic Chemistry of Hazardous Waste

114.103	001	EPA 7196A	Chromium (VI)
114.106	001	EPA 7199	Chromium (VI)
114.240	001	EPA 9040B	Corrosivity - pH Determination
114.241	001	EPA 9045C	Corrosivity - pH Determination
114.250	001	EPA 9056	Fluoride

116 - Volatile Organic Chemistry of Hazardous Waste

116.020	001	EPA 8015B	Acetone
116.020	006	EPA 8015B	n-Butyl Alcohol
116.020	009	EPA 8015B	Ethanol
116.020	011	EPA 8015B	Ethylene Glycol
116.020	014	EPA 8015B	Isopropyl Alcohol
116.020	015	EPA 8015B	Methanol
116.030	001	EPA 8015B	Gasoline-range Organics
116.080	001	EPA 8260B	Acetone
116.080	002	EPA 8260B	Acetonitrile
116.080	003	EPA 8260B	Acrolein
116.080	004	EPA 8260B	Acrylonitrile
116.080	005	EPA 8260B	Allyl Alcohol
116.080	007	EPA 8260B	Benzene
116.080	010	EPA 8260B	Bromochloromethane
116.080	011	EPA 8260B	Bromodichloromethane
116.080	012	EPA 8260B	Bromoform

As of 01/17/2007, this list supersedes all previous lists for this certificate number.
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116.080	013	EPA 8260B	Bromomethane
116.080	015	EPA 8260B	Carbon Disulfide
116.080	016	EPA 8260B	Carbon Tetrachloride
116.080	018	EPA 8260B	Chlorobenzene
116.080	019	EPA 8260B	Chloroethane
116.080	020	EPA 8260B	2-Chloroethyl Vinyl Ether
116.080	021	EPA 8260B	Chloroform
116.080	022	EPA 8260B	Chloromethane
116.080	023	EPA 8260B	Chloroprene
116.080	026	EPA 8260B	Dibromochloromethane
116.080	027	EPA 8260B	Dibromochloropropane
116.080	028	EPA 8260B	1,2-Dibromoethane
116.080	030	EPA 8260B	Dibromomethane
116.080	031	EPA 8260B	1,2-Dichlorobenzene
116.080	032	EPA 8260B	1,3-Dichlorobenzene
116.080	033	EPA 8260B	1,4-Dichlorobenzene
116.080	034	EPA 8260B	cis-1,4-Dichloro-2-butene
116.080	035	EPA 8260B	trans-1,4-Dichloro-2-butene
116.080	036	EPA 8260B	Dichlorodifluoromethane
116.080	037	EPA 8260B	1,1-Dichloroethane
116.080	038	EPA 8260B	1,2-Dichloroethane
116.080	039	EPA 8260B	1,1-Dichloroethene
116.080	040	EPA 8260B	trans-1,2-Dichloroethene
116.080	041	EPA 8260B	cis-1,2-Dichloroethene
116.080	042	EPA 8260B	1,2-Dichloropropane
116.080	043	EPA 8260B	1,3-Dichloropropane
116.080	044	EPA 8260B	2,2-Dichloropropane
116.080	045	EPA 8260B	1,1-Dichloropropene
116.080	046	EPA 8260B	cis-1,3-Dichloropropene
116.080	047	EPA 8260B	trans-1,3-Dichloropropene
116.080	050	EPA 8260B	1,4-Dioxane
116.080	052	EPA 8260B	Ethyl Acetate
116.080	053	EPA 8260B	Ethylbenzene
116.080	055	EPA 8260B	Ethyl Methacrylate
116.080	056	EPA 8260B	Hexachlorobutadiene
116.080	058	EPA 8260B	2-Hexanone (MBK)
116.080	059	EPA 8260B	Iodomethane
116.080	060	EPA 8260B	Isobutyl Alcohol
116.080	062	EPA 8260B	Methacrylonitrile
116.080	064	EPA 8260B	Methyl tert-butyl Ether (MTBE)
116.080	065	EPA 8260B	Methylene Chloride

As of 01/17/2007, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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116.080	066	EPA 8260B	Methyl Ethyl Ketone
116.080	067	EPA 8260B	Methyl Methacrylate
116.080	068	EPA 8260B	4-Methyl-2-pentanone (MIBK)
116.080	069	EPA 8260B	Naphthalene
116.080	078	EPA 8260B	Propionitrile
116.080	081	EPA 8260B	1,1,1,2-Tetrachloroethane
116.080	082	EPA 8260B	1,1,2,2-Tetrachloroethane
116.080	083	EPA 8260B	Tetrachloroethene
116.080	084	EPA 8260B	Toluene
116.080	086	EPA 8260B	1,2,3-Trichlorobenzene
116.080	087	EPA 8260B	1,2,4-Trichlorobenzene
116.080	088	EPA 8260B	1,1,1-Trichloroethane
116.080	089	EPA 8260B	1,1,2-Trichloroethane
116.080	090	EPA 8260B	Trichloroethene
116.080	091	EPA 8260B	Trichlorofluoromethane
116.080	092	EPA 8260B	1,2,3-Trichloropropane
116.080	093	EPA 8260B	Vinyl Acetate
116.080	094	EPA 8260B	Vinyl Chloride
116.080	095	EPA 8260B	Xylenes, Total
116.080	096	EPA 8260B	tert-Amyl Methyl Ether (TAME)
116.080	097	EPA 8260B	tert-Butyl Alcohol (TBA)
116.080	098	EPA 8260B	Ethyl tert-butyl Ether (ETBE)
116.080	099	EPA 8260B	Bromobenzene
116.080	100	EPA 8260B	n-Butylbenzene
116.080	101	EPA 8260B	sec-Butylbenzene
116.080	102	EPA 8260B	tert-Butylbenzene
116.080	103	EPA 8260B	2-Chlorotoluene
116.080	104	EPA 8260B	4-Chlorotoluene
116.080	105	EPA 8260B	Isopropylbenzene
116.080	106	EPA 8260B	N-propylbenzene
116.080	107	EPA 8260B	Styrene
116.080	108	EPA 8260B	1,2,4-Trimethylbenzene
116.080	109	EPA 8260B	1,3,5-Trimethylbenzene
116.100	001	LUFT GC/MS	Total Petroleum Hydrocarbons - Gasoline
116.100	010	LUFT GC/MS	BTEX and MTBE
116.110	001	LUFT	Total Petroleum Hydrocarbons - Gasoline

120 - Physical Properties of Hazardous Waste

120.070	001	EPA 9040B	Corrosivity - pH Determination
120.080	001	EPA 9045C	Corrosivity - pH Determination

As of 01/17/2007, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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State of Florida
Department of Health, Bureau of Laboratories

This is to certify that

E871020

COLUMBIA ANALYTICAL SERVICES, INC. - SIMI VALLEY
2655 PARK CENTER DRIVE, SUITE A
SIMI VALLEY, CA 91360

has complied with Florida Administrative Code 64E-1,
for the examination of Environmental samples in the following categories

AIR AND EMISSIONS - VOLATILE ORGANICS

Continued certification is contingent upon successful on-going compliance with the NELAC Standards and FAC Rule 64E-1 regulations. Specific methods and analytes certified are cited on the Laboratory Scope of Accreditation for this laboratory and are on file at the Bureau of Laboratories, P. O. Box 210, Jacksonville, Florida 32231. Clients and customers are urged to verify with this agency the laboratory's certification status in Florida for particular methods and analytes.

EFFECTIVE July 01, 2007 THROUGH June 30, 2008



A handwritten signature in black ink, appearing to read "Max Saifinger".

Max Saifinger, M.D.
Chief, Bureau of Laboratories
Florida Department of Health
DH Form 1697, 7/04
NON-TRANSFERABLE E871020-01-7/1/2007
Supersedes all previously issued certificates

Laboratory Scope of Accreditation

Attachment to Certificate #: E871020-01, expiration date June 30, 2008. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E871020

EPA Lab Code: CA01527

(805) 526-7161

E871020

Columbia Analytical Services, Inc. - Simi Valley
2655 Park Center Drive, Suite A
Simi Valley, CA 91360

Matrix: Air and Emissions

Analyte	Method/Tech	Category	Certification Type	Effective Date
1,1,1-Trichloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,1,2,2-Tetrachloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,1,2-Trichloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,1-Dichloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,1-Dichloroethylene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2,4-Trichlorobenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2,4-Trimethylbenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2-Dichloro-1,1,2,2-tetrafluoroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2-Dichlorobenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2-Dichloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,2-Dichloropropane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,3,5-Trimethylbenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,3-Butadiene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,3-Dichlorobenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,4-Dichlorobenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
1,4-Dioxane (1,4-Diethyleneoxide)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
2,2,4-Trimethylpentane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
2-Butanone (Methyl ethyl ketone, MEK)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
4-Methyl-2-pentanone (MIBK)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Allyl chloride (3-Chloropropene)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Benzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Bromoform	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Carbon disulfide	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Carbon tetrachloride	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Chlorobenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Chloroethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Chloroform	EPA TO-15	Volatile Organics	NELAP	6/11/2007
cis-1,2-Dichloroethylene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
cis-1,3-Dichloropropene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Dichlorodifluoromethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Ethylbenzene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Hexachlorobutadiene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Methyl bromide (Bromomethane)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Methyl chloride (Chloromethane)	EPA TO-15	Volatile Organics	NELAP	6/11/2007

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2007

Expiration Date: 6/30/2008

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Laboratory Scope of Accreditation

Attachment to Certificate #: E871020-01, expiration date June 30, 2008. This listing of accredited analytes should be used only when associated with a valid certificate.

State Laboratory ID: E871020

EPA Lab Code: CA01527

(805) 526-7161

E871020

Columbia Analytical Services, Inc. - Simi Valley
2655 Park Center Drive, Suite A
Simi Valley, CA 91360

Matrix: Air and Emissions

Analyte	Method/Tech	Category	Certification Type	Effective Date
Methyl isobutyl ketone (Hexone)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Methyl methacrylate	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Methyl tert-butyl ether (MTBE)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Methylene chloride	EPA TO-15	Volatile Organics	NELAP	6/11/2007
n-Heptane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
n-Hexane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Styrene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Tetrachloroethylene (Perchloroethylene)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Toluene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
trans-1,2-Dichloroethylene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
trans-1,3-Dichloropropylene	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Trichloroethene (Trichloroethylene)	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Trichlorofluoromethane	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Vinyl acetate	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Vinyl chloride	EPA TO-15	Volatile Organics	NELAP	6/11/2007
Xylene (total)	EPA TO-15	Volatile Organics	NELAP	6/11/2007

Clients and Customers are urged to verify the laboratory's current certification status with the Environmental Laboratory Certification Program.

Issue Date: 7/1/2007

Expiration Date: 6/30/2008

UNCONTROLLED COPY



State of New Jersey
Department of Environmental Protection
Certifies That

Columbia Analytical Services, Inc.
Laboratory Certification ID #: CA009

having duly met the requirements of the
Regulations Governing The Certification Of
Laboratories And Environmental Measurements N.J.A.C. 7:18 et. seq.

and

having been found compliant with the standard approved by the
National Environmental Laboratory Accreditation Conference

is hereby approved as a
Nationally Accredited Environmental Laboratory
to perform the analyses as indicated on the Annual Certified Parameter List
which must accompany this certificate to be valid.



NJDEP is a NELAP Recognized Accrediting Authority

Expiration Date June 30, 2008

Joseph F. Aiello, Chief
Office of Quality Assurance

THIS CERTIFICATE IS TO BE CONSPICUOUSLY DISPLAYED AT THE LABORATORY WITH THE ANNUAL CERTIFIED PARAMETER LIST IN A LOCATION ON THE PREMISES VISIBLE TO THE PUBLIC



New Jersey Department of Environmental Protection
National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
Effective as of 07/01/2007 until 06/30/2008

Laboratory Name: COLUMBIA ANALYTICAL SERVICES INC Laboratory Number: CA009 Activity ID: NLC070001
2655 PARK CTR DR
STE A
SIMI VALLEY, CA 93065

Category: CAP03 -- Atmospheric Organic Parameters

Status	NJ Data Report	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Dropped	No	NJ	CAP03.00180	AE	GC/MS, Canisters	[EPA TO-15]	Acetaldehyde
Certified	Yes	NJ	CAP03.00184	AE	GC/MS, Canisters	[EPA TO-15]	Acetone
Applied	No	NJ	CAP03.00185	AE	GC/MS, Canisters	[EPA TO-15]	Acetonitrile
Dropped	No	NJ	CAP03.00190	AE	GC/MS, Canisters	[EPA TO-15]	Acetophenone
Certified	Yes	NJ	CAP03.00195	AE	GC/MS, Canisters	[EPA TO-15]	Acrolein
Dropped	No	NJ	CAP03.00200	AE	GC/MS, Canisters	[EPA TO-15]	Acrylamide
Dropped	No	NJ	CAP03.00205	AE	GC/MS, Canisters	[EPA TO-15]	Acrylic acid
Applied	No	NJ	CAP03.00210	AE	GC/MS, Canisters	[EPA TO-15]	Acrylonitrile
Certified	Yes	NJ	CAP03.00215	AE	GC/MS, Canisters	[EPA TO-15]	Allyl chloride
Certified	Yes	NJ	CAP03.00225	AE	GC/MS, Canisters	[EPA TO-15]	Benzene
Applied	No	NJ	CAP03.00230	AE	GC/MS, Canisters	[EPA TO-15]	Benzyl chloride
Dropped	No	NJ	CAP03.00235	AE	GC/MS, Canisters	[EPA TO-15]	Propiolactone (beta-)
Dropped	No	NJ	CAP03.00240	AE	GC/MS, Canisters	[EPA TO-15]	Bis (2-chloroethyl) ether
Dropped	No	NJ	CAP03.00245	AE	GC/MS, Canisters	[EPA TO-15]	Bis (chloromethyl) ether
Certified	Yes	NJ	CAP03.00250	AE	GC/MS, Canisters	[EPA TO-15]	Bromodichloromethane
Certified	Yes	NJ	CAP03.00255	AE	GC/MS, Canisters	[EPA TO-15]	Bromoform
Certified	Yes	NJ	CAP03.00260	AE	GC/MS, Canisters	[EPA TO-15]	Bromomethane
Certified	Yes	NJ	CAP03.00265	AE	GC/MS, Canisters	[EPA TO-15]	Butadiene (1,3-)
Certified	Yes	NJ	CAP03.00270	AE	GC/MS, Canisters	[EPA TO-15]	Carbon disulfide
Certified	Yes	NJ	CAP03.00275	AE	GC/MS, Canisters	[EPA TO-15]	Carbon tetrachloride
Dropped	No	NJ	CAP03.00280	AE	GC/MS, Canisters	[EPA TO-15]	Carbon oxysulfide (Carbonyl sulfide)
Dropped	No	NJ	CAP03.00285	AE	GC/MS, Canisters	[EPA TO-15]	Catechol
Dropped	No	NJ	CAP03.00295	AE	GC/MS, Canisters	[EPA TO-15]	Chloroacetic acid
Certified	Yes	NJ	CAP03.00300	AE	GC/MS, Canisters	[EPA TO-15]	Chlorobenzene
Certified	Yes	NJ	CAP03.00305	AE	GC/MS, Canisters	[EPA TO-15]	Chloroethane
Certified	Yes	NJ	CAP03.00310	AE	GC/MS, Canisters	[EPA TO-15]	Chloroform
Certified	Yes	NJ	CAP03.00315	AE	GC/MS, Canisters	[EPA TO-15]	Chloromethane
Dropped	No	NJ	CAP03.00320	AE	GC/MS, Canisters	[EPA TO-15]	Chloromethyl methyl ether
Dropped	No	NJ	CAP03.00325	AE	GC/MS, Canisters	[EPA TO-15]	Chlorotoluene (2-)
Dropped	No	NJ	CAP03.00330	AE	GC/MS, Canisters	[EPA TO-15]	Cresols/Cresylic acid
Certified	Yes	NJ	CAP03.00335	AE	GC/MS, Canisters	[EPA TO-15]	Cyclohexane

KEY: AE = Air and Emissions, BT = Biological Tissues, DW = Drinking Water, NPW = Non-Potable Water, SCM = Solid and Chemical Materials

---- Annual Certified Parameters List ---- Effective as of 07/01/2007 until 06/30/2008



New Jersey Department of Environmental Protection
National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
Effective as of 07/01/2007 until 06/30/2008

Laboratory Name: COLUMBIA ANALYTICAL SERVICES INC Laboratory Number: CA009 Activity ID: NLC070001
2655 PARK CTR DR
STE A
SIMI VALLEY, CA 93065

Category: CAP03 -- Atmospheric Organic Parameters

Status	Eligible to Report		State	Code	Matrix	Technique Description	Approved Method	Parameter Description
	NJ Data	State						
Certified	Yes	NJ	CAP03.00342	AE	GC/MS, Canisters	[EPA TO-15]	Dibromochloromethane	
Applied	No	NJ	CAP03.00345	AE	GC/MS, Canisters	[EPA TO-15]	Dibromo-3-chloropropane (1,2-)	
Certified	Yes	NJ	CAP03.00350	AE	GC/MS, Canisters	[EPA TO-15]	Dibromomethane (1,2-) (EDB)	
Certified	Yes	NJ	CAP03.00355	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorobenzene (1,2-)	
Certified	Yes	NJ	CAP03.00360	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorobenzene (1,3-)	
Certified	Yes	NJ	CAP03.00365	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorobenzene (1,4-)	
Certified	Yes	NJ	CAP03.00368	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorodifluoromethane	
Certified	Yes	NJ	CAP03.00370	AE	GC/MS, Canisters	[EPA TO-15]	Dichloromethane (1,1-)	
Certified	Yes	NJ	CAP03.00375	AE	GC/MS, Canisters	[EPA TO-15]	Dichloromethane (1,2-)	
Certified	Yes	NJ	CAP03.00380	AE	GC/MS, Canisters	[EPA TO-15]	Dichloroethene (1,1-)	
Certified	Yes	NJ	CAP03.00384	AE	GC/MS, Canisters	[EPA TO-15]	Dichloroethene (cis-1,2-)	
Certified	Yes	NJ	CAP03.00385	AE	GC/MS, Canisters	[EPA TO-15]	Dichloroethene (trans-1,2-)	
Dropped	No	NJ	CAP03.00390	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorofluoromethane	
Certified	Yes	NJ	CAP03.00395	AE	GC/MS, Canisters	[EPA TO-15]	Dichloropropane (1,2-)	
Certified	Yes	NJ	CAP03.00400	AE	GC/MS, Canisters	[EPA TO-15]	Dichloropropene (cis-1,3-)	
Certified	Yes	NJ	CAP03.00401	AE	GC/MS, Canisters	[EPA TO-15]	Dichloropropene (trans-1,3-)	
Certified	Yes	NJ	CAP03.00405	AE	GC/MS, Canisters	[EPA TO-15]	Dichlorotetrafluoroethane (1,2-)	
Dropped	No	NJ	CAP03.00410	AE	GC/MS, Canisters	[EPA TO-15]	Diethyl sulfate	
Dropped	No	NJ	CAP03.00415	AE	GC/MS, Canisters	[EPA TO-15]	Dimethyl sulfate	
Dropped	No	NJ	CAP03.00425	AE	GC/MS, Canisters	[EPA TO-15]	Dimethylcarbamoyl chloride	
Dropped	No	NJ	CAP03.00430	AE	GC/MS, Canisters	[EPA TO-15]	Dimethyl formamide (N, N-)	
Certified	Yes	NJ	CAP03.00440	AE	GC/MS, Canisters	[EPA TO-15]	Dioxane (1,4-)	
Dropped	No	NJ	CAP03.00445	AE	GC/MS, Canisters	[EPA TO-15]	Epichlorohydrin	
Dropped	No	NJ	CAP03.00450	AE	GC/MS, Canisters	[EPA TO-15]	Epoxybutane (1,2-)	
Applied	No	NJ	CAP03.00452	AE	GC/MS, Canisters	[EPA TO-15]	Ethyl acetate	
Dropped	No	NJ	CAP03.00455	AE	GC/MS, Canisters	[EPA TO-15]	Ethyl acrylate	
Dropped	No	NJ	CAP03.00460	AE	GC/MS, Canisters	[EPA TO-15]	Ethyl carbamate (Urethane)	
Certified	Yes	NJ	CAP03.00465	AE	GC/MS, Canisters	[EPA TO-15]	Ethylbenzene	
Dropped	No	NJ	CAP03.00470	AE	GC/MS, Canisters	[EPA TO-15]	Ethylene Oxide	
Certified	Yes	NJ	CAP03.00480	AE	GC/MS, Canisters	[EPA TO-15]	Ethyltoluene (4-)	
Dropped	No	NJ	CAP03.00485	AE	GC/MS, Canisters	[EPA TO-15]	Formaldehyde	
Certified	Yes	NJ	CAP03.00490	AE	GC/MS, Canisters	[EPA TO-15]	Hexachlorobutadiene (1,3-)	

KEY: AE = Air and Emissions, BT = Biological Tissues, DW = Drinking Water, NPW = Non-Potable Water, SCM = Solid and Chemical Materials



New Jersey Department of Environmental Protection
National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
Effective as of 07/01/2007 until 06/30/2008

Laboratory Name: COLUMBIA ANALYTICAL SERVICES INC Laboratory Number: CA009 Activity ID: NLC070001
2655 PARK CTR DR
STE A
SIMI VALLEY, CA 93065

Category: CAP03 -- Atmospheric Organic Parameters

Status	NJ Data Report	State	Code	Matrix	Technique Description	Approved Method	Parameter Description
Certified	Yes	NJ	CAP03.00498	AE	GC/MS, Canisters	[EPA TO-15]	Hexanone (2-)
Dropped	No	NJ	CAP03.00500	AE	GC/MS, Canisters	[EPA TO-15]	Heptane (n-)
Dropped	No	NJ	CAP03.00505	AE	GC/MS, Canisters	[EPA TO-15]	Hexane (n-)
Dropped	No	NJ	CAP03.00510	AE	GC/MS, Canisters	[EPA TO-15]	Isophorone
Applied	No	NJ	CAP03.00511	AE	GC/MS, Canisters	[EPA TO-15]	Isopropanol
Applied	No	NJ	CAP03.00515	AE	GC/MS, Canisters	[EPA TO-15]	Isopropylbenzene
Dropped	No	NJ	CAP03.00520	AE	GC/MS, Canisters	[EPA TO-15]	Methyl alcohol (Methanol)
Certified	Yes	NJ	CAP03.00525	AE	GC/MS, Canisters	[EPA TO-15]	Methyl ethyl ketone
Certified	Yes	NJ	CAP03.00535	AE	GC/MS, Canisters	[EPA TO-15]	Methyl isobutyl ketone
Dropped	No	NJ	CAP03.00540	AE	GC/MS, Canisters	[EPA TO-15]	Methyl isocyanate
Certified	Yes	NJ	CAP03.00545	AE	GC/MS, Canisters	[EPA TO-15]	Methyl methacrylate
Certified	Yes	NJ	CAP03.00550	AE	GC/MS, Canisters	[EPA TO-15]	Methyl tert-butyl ether
Certified	Yes	NJ	CAP03.00555	AE	GC/MS, Canisters	[EPA TO-15]	Methylene chloride (Dichloromethane)
Dropped	No	NJ	CAP03.00565	AE	GC/MS, Canisters	[EPA TO-15]	Methylphenol (2-)
Dropped	No	NJ	CAP03.00570	AE	GC/MS, Canisters	[EPA TO-15]	Nitrobenzene
Dropped	No	NJ	CAP03.00575	AE	GC/MS, Canisters	[EPA TO-15]	Nitropropane (2-)
Dropped	No	NJ	CAP03.00580	AE	GC/MS, Canisters	[EPA TO-15]	N-Nitrosodimethylamine
Dropped	No	NJ	CAP03.00585	AE	GC/MS, Canisters	[EPA TO-15]	N-Nitrosomorpholine
Dropped	No	NJ	CAP03.00590	AE	GC/MS, Canisters	[EPA TO-15]	N-Nitroso-N-methylurea
Dropped	No	NJ	CAP03.00595	AE	GC/MS, Canisters	[EPA TO-15]	Phenol
Dropped	No	NJ	CAP03.00600	AE	GC/MS, Canisters	[EPA TO-15]	Phosgene
Dropped	No	NJ	CAP03.00605	AE	GC/MS, Canisters	[EPA TO-15]	Propionaldehyde
Applied	No	NJ	CAP03.00612	AE	GC/MS, Canisters	[EPA TO-15]	Propylene
Dropped	No	NJ	CAP03.00615	AE	GC/MS, Canisters	[EPA TO-15]	Propylene oxide
Dropped	No	NJ	CAP03.00620	AE	GC/MS, Canisters	[EPA TO-15]	Propane sulfone (1,3-)
Certified	Yes	NJ	CAP03.00625	AE	GC/MS, Canisters	[EPA TO-15]	Styrene
Dropped	No	NJ	CAP03.00630	AE	GC/MS, Canisters	[EPA TO-15]	Styrene oxide
Certified	Yes	NJ	CAP03.00635	AE	GC/MS, Canisters	[EPA TO-15]	Trichlorobenzene (1,2,4-)
Certified	Yes	NJ	CAP03.00640	AE	GC/MS, Canisters	[EPA TO-15]	Trichlorobenzene (1,3,5-)
Certified	Yes	NJ	CAP03.00645	AE	GC/MS, Canisters	[EPA TO-15]	Trimethylbenzene (1,3,5-)
Certified	Yes	NJ	CAP03.00650	AE	GC/MS, Canisters	[EPA TO-15]	Trimethylbenzene (1,2,4-)
Applied	No	NJ	CAP03.00652	AE	GC/MS, Canisters	[EPA TO-15]	Trimethylpentane (2,2,4-)
Applied	No	NJ	CAP03.00652	AE	GC/MS, Canisters	[EPA TO-15]	Tert-butyl alcohol

KEY: AE = Air and Emissions, BT = Biological Tissues, DW = Drinking Water, NPW = Non-Potable Water, SCM = Solid and Chemical Materials

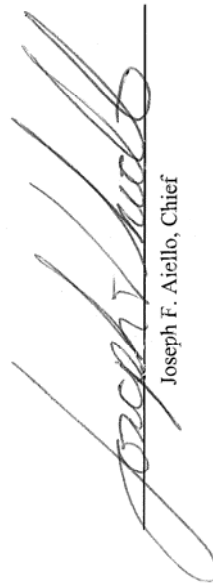


New Jersey Department of Environmental Protection
 National Environmental Laboratory Accreditation Program
ANNUAL CERTIFIED PARAMETER LIST AND CURRENT STATUS
 Effective as of 07/01/2007 until 06/30/2008

Laboratory Name: COLUMBIA ANALYTICAL SERVICES INC Laboratory Number: CA009 Activity ID: NLC070001
 2655 PARK CTR DR
 STE A
 SIMI VALLEY, CA 93065

Category: CAP03 -- Atmospheric Organic Parameters

Status	Eligible to Report		State	Code	Matrix	Technique Description	Approved Method	Parameter Description
	NJ Data	Matrix						
Certified	Yes	AE	NJ	CAP03.00655	GC/MS, Canisters	[EPA TO-15]	Tetrachloroethane (1,1,2,2-)	
Certified	Yes	AE	NJ	CAP03.00660	GC/MS, Canisters	[EPA TO-15]	Tetrachloroethene	
Applied	No	AE	NJ	CAP03.00662	GC/MS, Canisters	[EPA TO-15]	Tetrahydrofuran	
Certified	Yes	AE	NJ	CAP03.00665	GC/MS, Canisters	[EPA TO-15]	Toluene	
Certified	Yes	AE	NJ	CAP03.00670	GC/MS, Canisters	[EPA TO-15]	Trichloroethane (1,1,1-)	
Certified	Yes	AE	NJ	CAP03.00675	GC/MS, Canisters	[EPA TO-15]	Trichloroethane (1,1,2-)	
Certified	Yes	AE	NJ	CAP03.00680	GC/MS, Canisters	[EPA TO-15]	Trichloroethene	
Certified	Yes	AE	NJ	CAP03.00684	GC/MS, Canisters	[EPA TO-15]	Trichlorofluoromethane	
Certified	Yes	AE	NJ	CAP03.00685	GC/MS, Canisters	[EPA TO-15]	Trichloro (1,1,2-) trifluoroethane (1,2,2-)	
Dropped	No	AE	NJ	CAP03.00695	GC/MS, Canisters	[EPA TO-15]	Trifluoromethane	
Certified	Yes	AE	NJ	CAP03.00700	GC/MS, Canisters	[EPA TO-15]	Vinyl acetate	
Dropped	No	AE	NJ	CAP03.00705	GC/MS, Canisters	[EPA TO-15]	Vinyl bromide	
Certified	Yes	AE	NJ	CAP03.00710	GC/MS, Canisters	[EPA TO-15]	Vinyl chloride	
Certified	Yes	AE	NJ	CAP03.00715	GC/MS, Canisters	[EPA TO-15]	Xylene (m-)	
Certified	Yes	AE	NJ	CAP03.00720	GC/MS, Canisters	[EPA TO-15]	Xylene (o-)	
Certified	Yes	AE	NJ	CAP03.00725	GC/MS, Canisters	[EPA TO-15]	Xylene (p-)	
Certified	Yes	AE	NJ	CAP03.00730	GC/MS, Canisters	[EPA TO-15]	Xylenes (total)	


 Joseph F. Aiello, Chief

KEY: AE = Air and Emissions, BT = Biological Tissues, DW = Drinking Water, NPW = Non-Potable Water, SCM = Solid and Chemical Materials

---- Annual Certified Parameters List ---- Effective as of 07/01/2007 until 06/30/2008

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2008
Issued April 01, 2007

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE
Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MICHAEL TUDAY
COLUMBIA ANALYTICAL SERVICES INC. -SIMI VALLEY
2655 PARK CENTER DR, SUITE A
SIMI VALLEY, CA 93065

NY Lab Id No: 11221
EPA Lab Code: CA00404

is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:

Acrylates

Acrylonitrile EPA TO-15
Methyl methacrylate EPA TO-15

Chlorinated Hydrocarbons

1,2,4-Trichlorobenzene EPA TO-15
Hexachlorobutadiene EPA TO-15

Purgeable Aromatics

1,2,4-Trimethylbenzene EPA TO-15
1,2-Dichlorobenzene EPA TO-15
1,3,5-Trimethylbenzene EPA TO-15
1,3-Dichlorobenzene EPA TO-15
1,4-Dichlorobenzene EPA TO-15
Benzene EPA TO-15
Chlorobenzene EPA TO-15
Ethyl benzene EPA TO-15
Styrene EPA TO-15
Toluene EPA TO-15
Total Xylenes EPA TO-15

Purgeable Halocarbons

1,1,1-Trichloroethane EPA TO-15
1,1,1,2-Tetrachloroethane EPA TO-15
1,1,2-Trichloroethane EPA TO-15

Purgeable Halocarbons

1,1,2-Trifluoro-1,2,2-Trichloroethane EPA TO-15
1,1-Dichloroethane EPA TO-15
1,1-Dichloroethene EPA TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane EPA TO-15
1,2-Dichloroethane EPA TO-15
1,2-Dichloropropane EPA TO-15
Bromodichloromethane EPA TO-15
Bromoform EPA TO-15
Bromomethane EPA TO-15
Carbon tetrachloride EPA TO-15
Chloroethane EPA TO-15
Chloroform EPA TO-15
Chloromethane EPA TO-15
cis-1,2-Dichloroethene EPA TO-15
cis-1,3-Dichloropropene EPA TO-15
Dichlorodifluoromethane EPA TO-15
Methylene chloride EPA TO-15
Tetrachloroethene EPA TO-15
trans-1,2-Dichloroethene EPA TO-15
trans-1,3-Dichloropropene EPA TO-15
Trichloroethene EPA TO-15
Trichlorofluoromethane EPA TO-15
Vinyl chloride EPA TO-15

Serial No.: 32757

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

Page 1 of 2



UNCONTROLLED COPY

Page E19 of E26
Quality Assurance Manual
Rev. 18.0
June 29, 2007

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
RICHARD F. DAINES, M.D.



Expires 12:01 AM April 01, 2008
Issued April 01, 2007

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MICHAEL TUDAY
COLUMBIA ANALYTICAL SERVICES INC. -SIMI VALLEY
2655 PARK CENTER DR, SUITE A
SIMI VALLEY, CA 93065

NY Lab Id No: 11221
EPA Lab Code: CA00404

*is hereby APPROVED as an Environmental Laboratory in conformance with the
National Environmental Laboratory Accreditation Conference Standards for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved analytes are listed below:*

Volatile Organics

1,3-Butadiene	EPA TO-15
1,4-Dioxane	EPA TO-15
2-Butanone (Methylethyl ketone)	EPA TO-15
Acetone	EPA TO-15
Carbon Disulfide	EPA TO-15
Hexane	EPA TO-15
Methyl tert-butyl ether	EPA TO-15
Vinyl acetate	EPA TO-15

Serial No.: 32757

Property of the New York State Department of Health. Valid only at the address shown. Must be conspicuously posted. Valid certificates have a raised seal. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify laboratory's accreditation status.

Page 2 of 2



UNCONTROLLED COPY



OREGON

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM



NELAP Recognized

Columbia Analytical Services, Inc.

CA200007

2655 Park Center Drive, Suite A
Simi Valley, CA 93065

IS GRANTED APPROVAL BY ORELAP UNDER THE 2003 NELAC STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW:

<i>Air</i>	<i>Drinking Water</i>	<i>Non Potable Water</i>	<i>Solids and Chem. Waste</i>	<i>Tissue</i>
Chemistry				

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTIC TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Irene E. Ronning

Irene E. Ronning, Ph.D.
ORELAP Administrator
1717 SW 10th
Portland, OR 97201



ISSUE DATE: 5/13/2007

EXPIRATION DATE: 5/12/2008

Certificate No: CA200007-004



Oregon

Environmental Laboratory Accreditation Program



Department of Agriculture, Laboratory Division
Department of Environmental Quality, Laboratory Division
Department of Human Services, Public Health Laboratory

Public Health Laboratory
1717 SW 10th Avenue
Portland, OR 97201
NELAP Recognized
(503) 229-5505
FAX (503) 229-5682
TTY (503) 731-4031

ORELAP Fields of Accreditation

ORELAPID: CA200007
EPACode: CA00404

Columbia Analytical Services, Inc.

2655 Park Center Drive, Suite A
Simi Valley, CA, 93065

Certificate: CA200007-004

Issue Date: 5/13/2007 Expiration Date: 5/12/2008
As of 5/13/2007 this list supercedes all previous lists for this certificate number.
Cusotmers: Please verify the current accreditation standing with ORELAP.

MATRIX: Air

Reference	Code	Description
EPA TO-15	120	VOCs collected in Canisters by GC/MS
<u>Analyte Code</u>	<u>Analyte</u>	
5160	1,1,1-Trichloroethane	
5110	1,1,2,2-Tetrachloroethane	
5195	1,1,2-Trichloro-1,2,2-trifluoroethane	
5165	1,1,2-Trichloroethane	
4630	1,1-Dichloroethane	
4640	1,1-Dichloroethylene	
5155	1,2,4-Trichlorobenzene	
5210	1,2,4-Trimethylbenzene	
4585	1,2-Dibromoethane (EDB, Ethylene dibromide)	
4610	1,2-Dichlorobenzene	
4635	1,2-Dichloroethane	
4655	1,2-Dichloropropane	
9396	1,2-Epoxybutane	
5215	1,3,5-Trimethylbenzene	
9318	1,3-Butadiene	
4615	1,3-Dichlorobenzene	
9576	1,3-Propane sultone	
4620	1,4-Dichlorobenzene	
4735	1,4-Dioxane (1,4- Diethyleneoxide)	
5220	2,2',4-Trimethylpentane	
4410	2-Butanone (Methyl ethyl ketone, MEK)	
4535	2-Chlorotoluene	
4860	2-Hexanone	
6400	2-Methylphenol (o-Cresol)	
5020	2-Nitropropane	
158	4-Ethyltoluene	
4300	Acetaldehyde	
4315	Acetone	
5510	Acetophenone	
4325	Acrolein (Propenal)	
4330	Acrylamide	
4335	Acrylic acid	
4355	Allyl chloride (3-Chloropropene)	
4375	Benzene	
5075	beta-Propiolactone	

Columbia Analytical Services, Inc.2655 Park Center Drive, Suite A
Simi Valley, CA, 93065

Certificate: CA200007-004

Issue Date: 5/13/2007

Expiration Date: 5/12/2008

As of 5/13/2007 this list supercedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with ORELAP.

5765	bis(2-Chloroethyl)ether
4515	bis(Chloromethyl)ether
4395	Bromodichloromethane
4400	Bromoform
4950	Bromomethane (Methyl bromide)
4450	Carbon disulfide
4455	Carbon tetrachloride
7215	Carbonyl sulfide
7235	Catechol
9336	Chloroacetic acid
4475	Chlorobenzene
4485	Chloroethane
4505	Chloroform
105	Chloromethane
4520	Chloromethyl methyl ether
4645	cis-1,2-Dichloroethylene
4680	cis-1,3-Dichloropropene
7325	Cresol/Cresylic acid (mixed isomers)
4555	Cyclohexane
4575	Dibromochloromethane
4625	Dichlorodifluoromethane
154	Dichlorofluoromethane
4650	Dichloromethane (DCM, Methylene chloride)
6080	Diethyl sulfate
7480	Dimethyl carbamoyl chloride
7485	Dimethyl sulfate
4745	Epichlorohydrin (1-Chloro-2,3-epoxypropane)
4760	Ethyl acrylate
6250	Ethyl carbamate (Urethane)
4765	Ethylbenzene
4795	Ethylene oxide
4815	Formaldehyde
3815	Freon-114 (Dichlorotetrafluoroethane)
166	Heptane
4835	Hexachlorobutadiene
4850	Hexane
6320	Isophorone
4930	Methanol
4985	Methyl isobutyl ketone (MIBK)
9498	Methyl isocyanate
4990	Methyl methacrylate
5000	Methyl tert-butyl ether (MTBE)
5245	m-Xylene
5010	n,n-dimethyl formamide
5015	Nitrobenzene
6530	n-Nitrosodimethylamine
6555	n-Nitrosomorpholine
6520	n-Nitroso-n-methylurea
5250	o-Xylene
6625	Phenol
7995	Phosgene

ORELAP Fields of Accreditation

ORELAPID: CA200007

EPA Code: CA00404

Columbia Analytical Services, Inc.

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9573	Propanal (Propionaldehyde)
9579	Propylene oxide
5255	p-Xylene
5100	Styrene
9594	Styrene oxide
5115	Tetrachloroethylene (Perchloroethylene)
5140	Toluene
4700	trans-1,2-Dichloroethylene
4685	trans-1,3-Dichloropropylene
5170	Trichloroethene (Trichloroethylene)
5175	Trichlorofluoromethane
256	Trifluoromethane
5225	Vinyl acetate
5230	Vinyl bromide
5235	Vinyl chloride
5260	Xylene (total)



DEPARTMENT OF THE NAVY

NAVAL FACILITIES ENGINEERING SERVICE CENTER
1100 23RD AVE
PORT HUENEME CA 93043-4370

IN REPLY REFER TO:

NFESC 413
February 8, 2007

Ms. Lynne Nelson
Quality Assurance Program Manager
Columbia Analytical Services – Simi Valley
2655 Park Center Drive, Suite A
Simi Valley, CA 93065

Dear Ms. Nelson,

This correspondence addresses the status of Columbia Analytical Services of Simi Valley, California in the Navy Environmental Restoration (ER) Quality Assurance (QA) Program as administered by the Naval Facilities Engineering Service Center (NFESC).

Your laboratory is accepted to perform sample analysis for the methods listed in Table 1. The period of acceptance expires September 20, 2008. This acceptance does not guarantee the delivery of any analytical samples. Acceptance is facility specific and can not be transferred to an affiliated or subcontract laboratory.

The Navy's review included a review of the laboratory's QA manual, selected standard operating procedures (SOPs) and SOP master list, list of major analytical instrumentation, performance test (PT) results and onsite audit documentation¹.

The Navy reserves the right to conduct additional laboratory assessments or to suspend or revoke acceptance status for any or all of the listed parameters if deemed necessary.

Table 1

METHOD	PARAMETER	MATRIX
EPA Method TO-15	Volatile Organic Compounds (GC/MS)	Air

Acceptance for use for parameters not identified on the table will be determined by Navy project personnel. The laboratory should notify NFESC if there are parameters not presented on Table 1 that the laboratory expects to run on a routine basis in support of Navy environmental

¹ State of Arizona, Department of Health Services conducted an onsite assessment September 19-20, 2006.

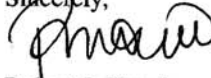
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NFESC 413
February 7, 2007

restoration projects. In these circumstances the laboratory's capability to run the tests will be reviewed and the table will be modified accordingly.

Questions concerning the information provided should be directed to the NFESC ER QA Program coordinator, Ms. Patricia Moreno at (805) 982-1659, or via email at pati.moreno@navy.mil.

Sincerely,



For
Robert J. Kratzke
Supervisor, Consultation/Information
Management Branch