

Client ID #
2027.07
Name / Client / Address:
Northgate Environmental

MICRO ANALYTICAL LABORATORIES, INC.

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Log in #

146059

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples Turn-Around Time
10 3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
01	FB-8-10152010B	Downwind Station Field Blank (BM884511)	10/15/2010	: : 0	0.0	0.00	0.80
02	DW-10152010B	Downwind Station (BM884530)	10/15/2010	05:02 18:00 778	2.0	1,556.00	0.80
03	FB-9-10182010B	Upwind Station Field Blank (BM860780)	10/18/2010	: : 0	0.0	0.00	0.80
04	UW-10182010B	Upwind Station (BM860644)	10/18/2010	04:50 18:33 823	2.0	1,646.00	0.80
05	FB-10-10182010B	Downwind Station Field Blank (BM860622)	10/18/2010	: : 0	0.0	0.00	
06	DW-10182010B	Downwind Station (BM860970)	10/18/2010	05:10 18:54 824	2.0	1,648.00	
07	FB-11-10202010B	Upwind Station Field Blank (BM860657)	10/20/2010	: : 0		0.00	
08	UW-10202010B	Upwind Station (BM860647)	10/20/2010	04:34 16:25 711	2.0	1,422.00	
09	FB-12-10202010B	Downwind Station Field Blank (BM860597)	10/20/2010	: : 0		0.00	
10	DW-10202010B	Downwind Station (BM860597)	10/20/2010	05:04 17:10 726	2.0	1,452.00	

Instructions / Comments: Fax E-mail To: ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda S. Bailey

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By

Date / Time

Drop Box / Courier

Received By

Date / Time

Relinquished By

Date/Time

Received By

Date / Time

CLEAR FORM

SAVE FORM

E-MAIL

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Log in #

146059

Northgate Environmental

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples

10

Turn-Around Time

3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
11	FB-3-10112010B	Upwind Station Field Blank (BM884470)	10/11/2010	: : 0	0.0	0.00	0.80
12	UW-10112010B	Upwind Station (BM884531)	10/11/2010	07:28 18:13 645	2.0	1,290.00	0.80
13	FB-4-10112010B	Downwind Station Field Blank (BM884471)	10/11/2010	: : 0	0.0	0.00	0.80
14	DW-10112010B	Downwind Station (BM860582)	10/11/2010	07:03 18:29 686	2.0	1,372.00	0.80
15	FB-5-10132010B	Upwind Station Field Blank (BM860581)	10/13/2010	: : 0		0.00	0.80
16	UW-10132010B	Upwind Station (BM884453)	10/13/2010	04:33 18:32 839	2.0	1,678.00	0.80
17	FB-6-10132010B	Downwind Station Field Blank (BM884491)	10/13/2010	: : 0		0.00	0.80
18	DW-10132010B	Downwind Station (BM884490)	10/13/2010	05:02 18:50 828	2.0	1,656.00	0.80
19	FB-7-10152010B	Upwind Station Field Blank (BM860770)	10/15/2010	: : 0		0.00	0.80
20	UW-10152010B	Upwind Station (BM860666)	10/15/2010	04:47 17:43 776	2.0	1,552.00	0.80

Instructions / Comments:

Fax

E-mail To:

ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda Bailey

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By

Date / Time

10/22/10

Drop Box / Courier

Received By

10-25-10 9:2

Date / Time

Relinquished By

Date/Time

Received By

Date / Time

CLEAR FORM

SAVE FORM

E-MAIL

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608

Log in #

146059

Northgate Environmental

(510) 653-0024 - (510) 653-1361 - FAX

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples

10

Turn-Around Time

3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
01	FB-8-10152010B	Downwind Station Field Blank (BM884511)	10/15/2010	: : 0	0.0	0.00	0.80
02	DW-10152010B	Downwind Station (BM884530)	10/15/2010	05:02 18:00 778	2.0	1,556.00	0.80
03	FB-9-10182010B	Upwind Station Field Blank (BM860780)	10/18/2010	: : 0	0.0	0.00	0.80
04	UW-10182010B	Upwind Station (BM860644)	10/18/2010	04:50 18:33 823	2.0	1,646.00	0.80
05	FB-10-10182010B	Downwind Station Field Blank (BM860622)	10/18/2010	: : 0	0.0	0.00	
06	DW-10182010B	Downwind Station (BM860970)	10/18/2010	05:10 18:54 824	2.0	1,648.00	
07	FB-11-10202010B	Upwind Station Field Blank (BM860657)	10/20/2010	: : 0		0.00	
08	UW-10202010B	Upwind Station (BM860647)	10/20/2010	04:34 16:25 711	2.0	1,422.00	
09	FB-12-10202010B	Downwind Station Field Blank (BM860597)	10/20/2010	: : 0		0.00	
10	DW-10202010B	Downwind Station (BM860597)	10/20/2010	05:04 17:10 726	2.0	1,452.00	

Instructions / Comments:

Fax

E-mail To:

ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda S. Bailey

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By

Date / Time

Drop Box / Courier

Received By

Date / Time

Relinquished By

Date/Time

Received By

Date / Time

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Log in #

146059

Northgate Environmental

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples

10

Turn-Around Time

3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
11	FB-3-10112010B	Upwind Station Field Blank (BM884470)	10/11/2010	: : 0	0.0	0.00	0.80
12	UW-10112010B	Upwind Station (BM884531)	10/11/2010	07:28 18:13 645	2.0	1,290.00	0.80
13	FB-4-10112010B	Downwind Station Field Blank (BM884471)	10/11/2010	: : 0	0.0	0.00	0.80
14	DW-10112010B	Downwind Station (BM860582)	10/11/2010	07:03 18:29 686	2.0	1,372.00	0.80
15	FB-5-10132010B	Upwind Station Field Blank (BM860581)	10/13/2010	: : 0		0.00	0.80
16	UW-10132010B	Upwind Station (BM884453)	10/13/2010	04:33 18:32 839	2.0	1,678.00	0.80
17	FB-6-10132010B	Downwind Station Field Blank (BM884491)	10/13/2010	: : 0		0.00	0.80
18	DW-10132010B	Downwind Station (BM884490)	10/13/2010	05:02 18:50 828	2.0	1,656.00	0.80
19	FB-7-10152010B	Upwind Station Field Blank (BM860770)	10/15/2010	: : 0		0.00	0.80
20	UW-10152010B	Upwind Station (BM860666)	10/15/2010	04:47 17:43 776	2.0	1,552.00	0.80

Instructions / Comments:

Fax

E-mail To:

ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda Bailey

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By

Date / Time

10/23/10

Drop Box / Courier

10-25-10 9:21

Received By

Relinquished By

Date/Time

Received By

Date / Time

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in #

[Empty box for Log in #]

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Northgate Environmental

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Number of Samples

10

Turn-Around Time

3-5 DAYS

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
	FB-3-10112010B	Upwind Station Field Blank (BM884470)	10/11/2010	: : 0	0.0	0.00	0.80
	UW-10112010B	Upwind Station (BM884531)	10/11/2010	07:28 18:13 645	2.0	1,290.00	0.80
	FB-4-10112010B	Downwind Station Field Blank (BM884471)	10/11/2010	: : 0	0.0	0.00	0.80
	DW-10112010B	Downwind Station (BM860582)	10/11/2010	07:03 18:29 686	2.0	1,372.00	0.80
	FB-5-10132010B	Upwind Station Field Blank (BM860581)	10/13/2010	: : 0		0.00	0.80
	UW-10132010B	Upwind Station (BM884453)	10/13/2010	04:33 18:32 839	2.0	1,678.00	0.80
	FB-6-10132010B	Downwind Station Field Blank (BM884491)	10/13/2010	: : 0		0.00	0.80
	DW-10132010B	Downwind Station (BM884490)	10/13/2010	05:02 18:50 828	2.0	1,656.00	0.80
	FB-7-10152010B	Upwind Station Field Blank (BM860770)	10/15/2010	: : 0		0.00	0.80
	UW-10152010B	Upwind Station (BM860666)	10/15/2010	04:47 17:43 776	2.0	1,552.00	0.80

Instructions / Comments: Fax E-mail To: ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda Bailey

Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Relinquished By

Date / Time

[Signature: Ronda Bailey] 11/00
10/22/10

Received By

Date / Time

Relinquished By

Date/Time

[Empty signature box]

Received By

Date / Time

Client ID #
2027.07

MICRO ANALYTICAL LABORATORIES, INC.

Log in #

Name / Client / Address:

5900 Hollis St., Suite M, Emeryville, CA 94608
(510) 653-0824 - (510) 653-1361 - FAX

Northgate Environmental

300 Frank H. Ogawa Plaza, Suite
510
Oakland, CA 94612

Project
Tronox LLC

Asbestos (TEM) NIOSH 7400

Asbestos

Lead Only

Metals (Specify)

Mold, Non-Viable

Other (Specify)

Tel. (510) 839-0688

Fax (510) 839-4350

Job No. 2027.07

E-mail ted.splitter@ngem.com

Number of Samples 10 **Turn-Around Time** 3-5 DAYS

Micro ID # (For Lab Use Only)	Client Sample ID#	Description	Date Sampled	Time Sampled Start / Stop / Total Minutes	Average LPM	Total Liters	Filter Pore Size
	FB-8-10152010B	Downwind Station Field Blank (BM884511)	10/15/2010	: : 0	0.0	0.00	0.80
	DW-10152010B	Downwind Station (BM884530)	10/15/2010	05 : 02 18 : 00 778	2.0	1,556.00	0.80
	FB-9-10182010B	Upwind Station Field Blank (BM860780)	10/18/2010	: : 0	0.0	0.00	0.80
	UW-10182010B	Upwind Station (BM860644)	10/18/2010	04 : 50 18 : 33 823	2.0	1,646.00	0.80
	FB-10-10182010B	Downwind Station Field Blank (BM860622)	10/18/2010	: : 0	0.0	0.00	
	DW-10182010B	Downwind Station (BM860970)	10/18/2010	05 : 10 18 : 54 824	2.0	1,648.00	
	FB-11-10202010B	Upwind Station Field Blank (BM860657)	10/20/2010	: : 0		0.00	
	UW-10202010B	Upwind Station (BM860647)	10/20/2010	04 : 34 16 : 25 711	2.0	1,422.00	
	FB-12-10202010B	Downwind Station Field Blank (BM860597)	10/20/2010	: : 0		0.00	
	DW-10202010B	Downwind Station (BM860597)	10/20/2010	05 : 04 17 : 10 726	2.0	1,452.00	

Instructions / Comments: Fax E-mail To: ted.splitter@ngem.com; david.behnken@ngem.com

Sample Return: YES NO If "YES" is checked, samples will be returned to the client or archived at Micro Analytical if required. If "NO" is checked, solid samples may be disposed of within three months (one week for liquid samples, lab suspensions, and digestates).

Ronda S. Bailey

Ronda S. Bailey
Sampler's Signature / Name

Note to Lab: If any samples are not acceptable, record reasons for rejection.

Ronda S. Bailey 10/22/10/1100
Relinquished By Date / Time

Drop Box / Courier

Received By

Date / Time

Relinquished By

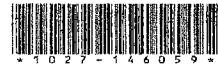
Date/Time

Received By

Date / Time

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



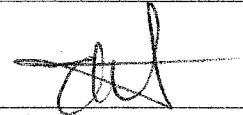
1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-8-10152010B Micro: 146059-01 KS DOWNWIND STATION FIELD BLANK (BM884511)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: DW-10152010B Micro: 146059-02 DOWNWIND STATION (BM884530)	Time 778 Rate 2.0 Liters 1556.0	Fibers 6.5 Fields 100 F/mm ² 8.3	0.002	LCL LOD CV	UCL 0.003 LOQ 0.025 0.28
Client: FB-9-10182010B Micro: 146059-03 UPWIND STATION FIELD BLANK (BM860780)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: UW-10182010B Micro: 146059-04 UPWIND STATION (BM860644)	Time 823 Rate 2.0 Liters 1646.0	Fibers 3 Fields 100 F/mm ² < 7.0	< 0.002	LCL LOD CV	UCL 0.005 LOQ 0.023 1.19
Client: FB-10-10182010B Micro: 146059-05 DOWNWIND STATION FIELD BLANK (BM860622)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19

Technical Supervisor: _____


Frank Raviola, M.S.

10/25/2010
Date Reported

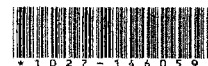
Analyst: _____

KS

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101788. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 9/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY




1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: DW-10182010B Micro: 146059-06 DOWNWIND STATION (BM860970)	Time 824 Rate 2.0 Liters 1648.0	Fibers 2.5 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.005 LOD LOQ 0.002 0.023 CV 1.19
Client: FB-11-10202010B Micro: 146059-07 UPWIND STATION FIELD BLANK (BM860657)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: UW-10202010B Micro: 146059-08 KS UPWIND STATION (BM860647)	Time 711 Rate 2.0 Liters 1422.0	Fibers 5 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.006 LOD LOQ 0.002 0.027 CV 1.19
Client: FB-12-10202010B Micro: 146059-09 DOWNWIND STATION (BM860597)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: DW-10202010B Micro: 146059-10 DOWNWIND STATION (BM860597)	Time 726 Rate 2.0 Liters 1452.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.006 LOD LOQ 0.002 0.027 CV 1.19

Technical Supervisor: _____


Frank Raviola, M.S.

10/25/2010
Date Reported

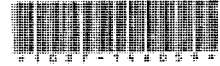
Analyst: _____

KS

AIHA IHLP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1984). The 'A' Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY

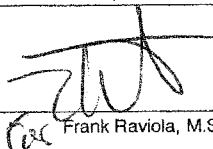


1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: FB-3-10112010B Micro: 146059-11 UPWIND STATION FIELD BLANK (BM884470)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: UW-10112010B Micro: 146059-12 KS UPWIND STATION (BM884631)	Time 645 Rate 2.0 Liters 1290.0	Fibers 2.5 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.007 LOD LOQ 0.002 0.030 CV 1.19
Client: FB-4-10112010B Micro: 146059-13 DOWNWIND STATION FIELD BLANK (BM860582)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: DW-10112010B Micro: 146059-14 DOWNWIND STATION (BM860582)	Time 686 Rate 2.0 Liters 1372.0	Fibers 1 Fields 100 F/mm ² < 7.0	< 0.002	LCL UCL 0.000 0.007 LOD LOQ 0.002 0.028 CV 1.19
Client: FB-5-10132010B Micro: 146059-15 UPWIND STATION FIELD BLANK (BM860581)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19

Technical Supervisor: 

Frank Raviola, M.S.

10/25/2010
Date Reported

Analyst: _____

KS

AIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intra-laboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



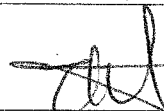
1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-8-10152010B Micro: 146059-01 KS DOWNWIND STATION FIELD BLANK (BM884511)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: DW-10152010B ✓ Micro: 146059-02 DOWNWIND STATION (BM884530)	Time 778 Rate 2.0 Liters 1556.0 ✓	Fibers 6.5 Fields 100 F/mm ² 8.3	0.002 ✓	LCL 0.001 LOD 0.002 CV	UCL 0.003 ✓ LOQ 0.025 ✓ 0.28
Client: FB-9-10182010B Micro: 146059-03 UPWIND STATION FIELD BLANK (BM860780)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: UW-10182010B ✓ Micro: 146059-04 UPWIND STATION (BM860644)	Time 823 Rate 2.0 ✓ Liters 1646.0 ✓	Fibers 3 Fields 100 F/mm ² < 7.0	< 0.002 ✓	LCL 0.000 LOD 0.002 CV	UCL 0.005 ✓ LOQ 0.023 ✓ 1.19
Client: FB-10-10182010B Micro: 146059-05 DOWNWIND STATION FIELD BLANK (BM860622)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19

Technical Supervisor: _____


Frank Raviola, M.S.

10/25/2010
Date Reported

Analyst: _____

KS

AIHA IHLP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/min². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: DW-10182010B Micro: 146059-06 DOWNWIND STATION (BM860970)	Time 824 Rate 2.0 Liters 1648.0	Fibers 2.5 Fields 100 F/mm ² < 7.0	< 0.002	LCL 0.000 UCL 0.005 LOD 0.002 LOQ 0.023 CV 1.19
Client: FB-11-10202010B Micro: 146059-07 UPWIND STATION FIELD BLANK (BM860657)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: UW-10202010B Micro: 146059-08 KS UPWIND STATION (BM860647)	Time 711 Rate 2.0 Liters 1422.0	Fibers 5 Fields 100 F/mm ² < 7.0	< 0.002	LCL 0.000 UCL 0.006 LOD 0.002 LOQ 0.027 CV 1.19
Client: FB-12-10202010B Micro: 146059-09 DOWNWIND STATION (BM860597)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: DW-10202010B Micro: 146059-10 DOWNWIND STATION (BM860597)	Time 726 Rate 2.0 Liters 1452.0	Fibers 2 Fields 100 F/mm ² < 7.0	< 0.002	LCL 0.000 UCL 0.006 LOD 0.002 LOQ 0.027 CV 1.19

Technical Supervisor: _____

Frank Raviola, M.S.

10/25/2010
Date Reported

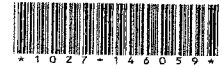
Analyst: _____

KS

AHIA (HLAP) LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



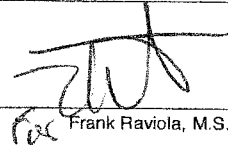
1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits	
Client: FB-3-10112010B Micro: 146059-11 UPWIND STATION FIELD BLANK (BM884470)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: UW-10112010B ✓ Micro: 146059-12 KS UPWIND STATION (BM884531) ✓	Time 645 Rate 2.0 Liters 1290.0 ✓	Fibers 2.5 Fields 100 F/mm ² < 7.0	< 0.002 ✓	LCL ✓ LOD ✓ CV	UCL ✓ 0.007 LOQ ✓ 0.030 1.19 ✓
Client: FB-4-10112010B Micro: 146059-13 DOWNWIND STATION FIELD BLANK (BM860582)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19
Client: DW-10112010B ✓ Micro: 146059-14 DOWNWIND STATION (BM860582) ✓	Time 686 Rate 2.0 Liters 1372.0 ✓	Fibers 1 Fields 100 F/mm ² < 7.0	< 0.002 ✓	LCL LOD CV	UCL 0.007 ✓ LOQ 0.028 ✓ 1.19 ✓
Client: FB-5-10132010B Micro: 146059-15 UPWIND STATION FIELD BLANK (BM860581)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL LOD CV	UCL LOQ 1.19

Technical Supervisor: _____


Frank Raviola, M.S.

10/25/2010
Date Reported

Analyst: _____

KS

AIHA IHLP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = [Concentration + (1.845 x CV x Standard)]. Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.

MICRO ANALYTICAL LABORATORIES, INC.

PHASE CONTRAST MICROSCOPY



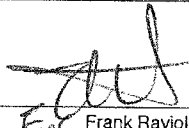
1027
Northgate Environmental Management
300 Frank H. Ogawa Plaza
Suite 510
Oakland, CA 94612

PROJECT:
TRONOX LLC
JOB NO. 2027.07

Micro Log In **146059**
Total Samples 20
Date Sampled 10/20/2010
Date Received 10/25/2010
Date Analyzed 10/25/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: UW-10132010B Micro: 146059-16 UPWIND STATION (BM884453)	Time 839 Rate 2.0 Liters 1678.0 ✓	Fibers 8 Fields 100 F/mm ² 10.2	0.002 ✓	LCL UCL 0.001 0.004 ✓ LOD LOQ 0.002 0.023 ✓ CV 0.28 ✓
Client: FB-6-10132010B Micro: 146059-17 DOWNWIND STATION FIELD BLANK (BM884491)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: DW-10132010B ✓ Micro: 146059-18 DOWNWIND STATION (BM884490) ✓	Time 828 Rate 2.0 Liters 1656.0 ✓	Fibers 1.5 Fields 100 F/mm ² < 7.0	< 0.002 ✓	LCL UCL 0.000 0.005 ✓ LOD LOQ 0.002 0.023 ✓ CV 1.19 ✓
Client: FB-7-10152010B Micro: 146059-19 UPWIND STATION FIELD BLANK (BM860770)	Time Rate Liters	Fibers 0 Fields 100 F/mm ² < 7.0		LCL UCL LOD LOQ CV 1.19
Client: UW-10152010B ✓ Micro: 146059-20 KS UPWIND STATION (BM860686) ✓	Time 776 Rate 2.0 Liters 1552.0 ✓	Fibers 3.5 Fields 100 F/mm ² < 7.0	< 0.002 ✓	LCL UCL 0.000 0.006 ✓ LOD LOQ 0.002 0.025 ✓ CV 1.19 ✓

Technical Supervisor: _____


Frank Raviola, M.S.

10/25/2010
Date Reported

Analyst: _____

KS

NIHA IHLAP LABORATORY Accreditation / PAT ID No. 101768. Samples are analyzed using the NIOSH 7400 Method (NIOSH Manual of Analytical Methods, 4th Ed., Issue 2 of Rev. 3, 8/15/1994). The "A" Rules are used, unless otherwise noted. The limit of detection (LOD) is 7 fibers/mm². Limits of quantification for optimal precision and accuracy are 100 (LOQ) and 1300 fibers/mm². The 95% UCL and LCL (Upper and Lower Confidence Limits of the Two-sided 95% Confidence Interval) represent the highest and lowest expected concentrations (in fibers/cc) for a given fiber count, based on the reported concentration. Intralaboratory coefficients of variation (CV) for various fiber loadings are reported. Limits for compliance testing may be calculated by the client, using the CV and an appropriate regulatory standard, e.g. UCL = (Concentration + [1.645 x CV x Standard]). Concentrations are field blank-corrected. Time is in minutes, flow rate is in liters per minute. 8 Hour TWA: calculated time weighted average concentration (in fibers/cc) based on 8 hours. Note: due to method variability, 95% LCL and UCL for the TWA may vary significantly from reported TWA values. The 8 hour TWA may not be statistically accurate for actual total times less than 8 hours; zero concentration is assumed for remaining time if no information is given. Micro Analytical Laboratories, Inc. assumes no responsibility for clients' interpretation of any requested TWA data or calculations in this report. Unless otherwise indicated on this report, all required Quality Control samples have been determined to be in control prior to releasing these analytical results. This report shall not be reproduced without the approval of Micro Analytical Laboratories, Inc., shall not be reproduced except in full, and pertains only to the samples analyzed. Unless otherwise stated in this report, all samples were received in acceptable condition for analysis. Micro Analytical Laboratories, Inc. shall not be responsible for clients' deviations from any prescribed sampling parameters. Air volumes are based on client data. The laboratory's verifiability of results is limited to fibers per mm². N/A = not applicable.