CLEAR FORM | SAVE FORM | E-MAIL

Client ID # 2027.07

Name / Client / Address:
Northgate Environmental
300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612

Tel. (510) 839-0688
Fax (510) 839-4350
E-mail ted.splitter@ngem.com

MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 144618

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

COPY

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-1-08312010	Upwind Station Field Blank	08/31/2010	: : 0	0.0	0.00	0.80
	FB-2-08312010	Downwind Station Field Blank	08/31/2010	: : 0	0.0	0.00	0.80
	UW-08312010	Upwind Station	08/31/2010	19:17 28:00 523	2.0	1,046.00	0.80
	DW-08312010	Downwind Station	08/31/2010	19:35 28:35 540	2.0	1,080.00	0.80
	FB-1-09012010B	Upwind Station Field Blank (PLEASE DISCARD)	09/01/2010	: : 0	0.0	0.00	0.80
	FB-2-09012010B	Downwind Station Field Blank	09/01/2010	: : 0	0.0	0.00	0.80
	UW-09012010B	Upwind Station (PLEASE DISCARD)	09/01/2010	: : 0		0.00	0.80
	DW-09012010B	Downwind Station	09/01/2010	04:40 19:24 884	2.0	1,768.00	0.80
	DW-09022010A	Downwind Station	09/02/2010	20:05 28:13 488	2	976.00	0.80
	UW-09022010A	Upwind Station	09/02/2010	19:48 27:50 482	2	964.00	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 09/07/10 0938 Drop Box / Courier **Received By** **Date / Time**

Relinquished By **Date/Time** **Received By** **Date / Time**

CLEAR FORM | SAVE FORM | E-MAIL

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(510) 653-0824 - (510) 653-1361 - FAX

Log in #

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples 2
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-1-09022010A	Upwind Station Field Blank	09/02/2010	: : :	0.0	0.00	0.80
	FB-2-09022010A	Downwind Station Field Blank	09/02/2010	: : 0	0.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	0.0	0.00	
				: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	

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Ronda S. Bailey
Sampler's Signature / Name

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Francisco Barron
~~David T. Behnken~~
Relinquished By 09/07/10 04:38 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

Name / Client / Address:
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300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612

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Fax (510) 839-4350
E-mail ted.splitter@ngem.com

MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 14424

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

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
14424-1	FB-1-08312010	Upwind Station Field Blank	08/31/2010	: :	0.0	0.00	0.80
2	FB-2-08312010	Downwind Station Field Blank	08/31/2010	: : 0	0.0	0.00	0.80
3	UW-08312010	Upwind Station	08/31/2010	19:17 28:00 523	2.0	1,046.00	0.80
4	DW-08312010	Downwind Station	08/31/2010	19:35 28:35 540	2.0	1,080.00	0.80
X	FB-1-09012010B	Upwind Station Field Blank (PLEASE DISCARD)	09/01/2010	: : 0	0.0	0.00	0.80
5	FB-2-09012010B	Downwind Station Field Blank	09/01/2010	: : 0	0.0	0.00	0.80
X	UW-09012010B	Upwind Station (PLEASE DISCARD)	09/01/2010	: : 0		0.00	0.80
6	DW-09012010B	Downwind Station	09/01/2010	04:40 19:24 884	2.0	1,768.00	0.80
7	DW-09022010A	Downwind Station	09/02/2010	20:05 28:13 488	2	976.00	0.80
8	UW-09022010A	Upwind Station	09/02/2010	19:48 27:50 482	2	964.00	0.80

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

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Ronda Bailey
Sampler's Signature / Name

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

Relinquished By 09/07/10 0438 Drop Box / Courier — Date / Time — Received By 9.9.10 10:15 — Date / Time

Relinquished By 9/13/10 — **Date/Time** — Received By — Date / Time

CLEAR FORM SAVE FORM E-MAIL

Client ID # 2027.07

Name / Client / Address:
Northgate Environmental
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Oakland, CA 94612

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MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 14124

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples 2
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
14124-09	FB-1-09022010A	Upwind Station Field Blank	09/02/2010	: : :	0.0	0.00	0.80
10	FB-2-09022010A	Downwind Station Field Blank	09/02/2010	: : 0	0.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	0.0	0.00	
				: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	

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

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Ronda S. Bailey
Sampler's Signature / Name

Francisco Barron
~~David T. Behnken~~
Relinquished By 09/07/10 04:38 Date / Time

Drop Box / Courier

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

Received By 9.9.10 10:15 Date / Time

Helen Affen 9/13/10
Relinquished By Date/Time

Received By Date / Time

CLEAR FORM | SAVE FORM | E-MAIL

Client ID # 2027.07

Name / Client / Address:
Northgate Environmental
300 Frank H. Ogawa Plaza, Suite 510
Oakland, CA 94612

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MICRO ANALYTICAL LABORATORIES, INC.

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

Log in # 144124

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

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
144124-1	FB-1-08312010	Upwind Station Field Blank	08/31/2010	: :	0.0	0.00	0.80
2	FB-2-08312010	Downwind Station Field Blank	08/31/2010	: : 0	0.0	0.00	0.80
3	UW-08312010	Upwind Station	08/31/2010	19 : 17 28 : 00 523	2.0	1,046.00	0.80
4	DW-08312010	Downwind Station	08/31/2010	19 : 35 28 : 35 540	2.0	1,080.00	0.80
X	FB-1-09012010B	Upwind Station Field Blank (PLEASE DISCARD)	09/01/2010	: : 0	0.0	0.00	0.80
5 X	FB-2-09012010B	Downwind Station Field Blank	09/01/2010	: : 0	0.0	0.00	0.80
X	UW-09012010B	Upwind Station (PLEASE DISCARD)	09/01/2010	: : 0		0.00	0.80
6 X	DW-09012010B	Downwind Station	09/01/2010	04 : 40 19 : 24 884	2.0	1,768.00	0.80
7 X	DW-09022010A	Downwind Station	09/02/2010	20 : 05 28 : 13 488	2	976.00	0.80
9 10	UW-09022010A	Upwind Station	09/02/2010	19 : 48 27 : 50 482	2	964.00	0.80

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Ronda Bailey
Sampler's Signature / Name

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09/07/10 04:38 Drop Box / Courier — 9.9.10 10:15

Relinquished By | Date / Time | | Received By | Date / Time

Relinquished By | **Date/Time** | | Received By | Date / Time

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Log in # 14124

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples 2
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
14124-N9	FB-1-09022010A	Upwind Station Field Blank	09/02/2010	: : 0	0.0	0.00	0.80
1 N10	FB-2-09022010A	Downwind Station Field Blank	09/02/2010	: : 0	0.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	2.0	0.00	0.80
				: : 0	0.0	0.00	
				: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	

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Francisco Barron
~~David T. Behnken~~ 09/07/10 04:38
Relinquished By Date / Time

Drop Box / Courier

9.9.10 10:15
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.

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

Log in # 144618

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Tel. (510) 839-0688
Fax (510) 839-4350
E-mail ted.splitter@ngem.com

Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

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-1-08312010	Upwind Station Field Blank	08/31/2010	: : 0	0.0	0.00	0.80
02	UW-08312010	Upwind Station	08/31/2010	19:17 28:00 523	2.0	1,046.00	0.80
03	FB-2-08312010	Downwind Station Field Blank	08/31/2010	: : 0		0.00	0.80
04	DW-08312010	Downwind Station	08/31/2010	19:35 28:35 540	2.0	1,080.00	0.80
05	FB-2-09012010B	Downwind Station Field Blank	09/01/2010	: : 0	0.0	0.00	0.80
06	DW-09012010B	Downwind Station	09/01/2010	04:40 19:24 884	2.0	1,768.00	0.80
X	UW-09012010B	Upwind Station (PLEASE DISCARD)	09/01/2010	: : 0		0.00	0.80
X	DW-09012010B	Upwind Station Field Blank (PLEASE DISCARD)	09/01/2010	: : 0		0.00	0.80
07	DW-09022010A	Downwind Station	09/02/2010	20:05 28:13 488	2	976.00	0.80
08	FB-2-09022010A	Downwind Station Field Blank	09/02/2010	: : 0		0.00	0.80

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

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Relinquished By 9/16/10 9:30 Drop Box / Courier — Date / Time — **Received By** 9/17/10 10:09 — Date / Time

Relinquished By — **Date/Time** — **Received By** — Date / Time

CLEAR FORM | SAVE FORM | E-MAIL

Client ID # 2027.07

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Project
Tronox LLC

Job No. 2027.07

Asbestos (TEM) NIOSH 7400
Asbestos
Lead Only
Metals (Specify)
Mold, Non-Viable
Other (Specify)

Number of Samples 2
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
009	FB-1-09022010A	Upwind Station Field Blank	09/02/2010	: : 0	0.0	0.00	0.80
NO	UW-09022010A	Upwind Station	09/02/2010	19:48 27:50 482	2.0	964.00	0.80
				: : 0		0.00	0.80
				: : 0		0.00	0.80
				: : 0	0.0	0.00	
				: : 0	0.0	0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	
				: : 0		0.00	

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Ronda S. Bailey
Sampler's Signature / Name

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David T. Behnken 9/16/10 9:30 Drop Box / Courier 9/17/10 10:09
Relinquished By Date / Time 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 144618
Total Samples 10
Date Sampled 08/31/2010
Date Received 09/17/2010
Date Analyzed 09/17/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: FB-1-08312010 Micro: 144618-01 8/31/2010 UPWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.48
Client: UW-08312010 Micro: 144618-02 LM 8/31/2010 UPWIND STATION	Time 523 Rate 2 Liters 1046.0	Fibers 5.5 Fields 100 F/mm² 7.0	**0.003**	LCL UCL 0.001 0.004 LOD LOQ 0.003 0.037 CV 0.25
Client: FB-2-08312010 Micro: 144618-03 8/31/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.48
Client: DW-08312010 Micro: 144618-04 8/31/2010 DOWNWIND STATION	Time 540 Rate 2 Liters 1080.0	Fibers 3.5 Fields 100 F/mm² < 7.0	**< 0.002**	LCL UCL 0.000 0.005 LOD LOQ 0.002 0.036 CV 0.48
Client: FB-2-09012010B Micro: 144618-05 9/1/2010 DOWNWIND STATION FIELD BLANK	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.48

Technical Supervisor: _____ 9/17/2010 Analyst: LM
Frank Raviola, M.S. Date Reported

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. 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 **144618**
Total Samples 10
Date Sampled 08/31/2010
Date Received 09/17/2010
Date Analyzed 09/17/2010

Sample ID	Field Data	Lab Data	Fibers / cc	Limits
Client: **DW-09012010B** Micro: 144618-06 9/1/2010 **DOWNWIND STATION**	Time 884 Rate 2 Liters 1768.0	Fibers 8.5 Fields 100 F/mm² 10.8	**0.002**	LCL 0.001 UCL 0.004 LOD 0.002 LOQ 0.022 CV 0.25
Client: **DW-09022010A** Micro: 144618-07 9/2/2010 **DOWNWIND STATION**	Time 488 Rate 2 Liters 976.0	Fibers 4.5 Fields 100 F/mm² < 7.0	**< 0.003**	LCL 0.000 UCL 0.005 LOD 0.003 LOQ 0.039 CV 0.48
Client: **FB-2-09022010A** Micro: 144618-08 9/2/2010 **DOWNWIND STATION FIELD BLANK**	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.48
Client: **FB-1-09022010A** Micro: 144618-09 9/2/2010 **UPWIND STATION FIELD BLANK**	Time Rate Liters	Fibers 0 Fields 100 F/mm² < 7.0		LCL UCL LOD LOQ CV 0.48
Client: **UW-09022010A** Micro: 144618-10 9/2/2010 **UPWIND STATION**	Time 482 Rate 2 Liters 964.0	Fibers 2.5 Fields 100 F/mm² < 7.0	**< 0.003**	LCL 0.000 UCL 0.005 LOD 0.003 LOQ 0.040 CV 0.48

Technical Supervisor: _____ 9/17/2010 Analyst: LM
Frank Raviola, M.S. Date Reported

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. 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.