



EMSL Analytical, Inc.

Asbestos Data Package

EMSL Order ID 041528269

Weston Solutions, Inc.
Case #: 335

Prepared By: EMSL Special Projects Group

Date: October 9, 2015



TABLE OF CONTENTS

1. Case Narrative
2. Tabulated Sample Results
3. Worksheets/Bench Sheets
4. QC Data Reports/Logs
5. Client and EMSL Internal Chains of Custody
6. Equipment Performance Checks
7. NVLAP/AIHA Certifications
8. Customer Correspondence
9. Shipping Documentation



1. Case Narrative



EMSL ANALYTICAL, INC.

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 858-4960

October 8, 2015

Smita Sumbaly
Weston Solutions, Inc.
1090 King Georges Post Road, Suite 201
Edison, NJ 08837
732-585-4400
s.sumbaly@westonsolutions.com

Re: Narrative PLM NYS ELAP 198.1; EMSL Order: 041528269; RFP #335

Dear Smita:

On September 18, 2015, EMSL Analytical, Inc. in Cinnaminson, NJ received ten bulk samples for asbestos content analysis via PLM NYS ELAP 198.1. The samples were received via FedEx and were logged in following normal lab procedures. The samples were received under Chain of Custody No. 2-091715-142552-0003 from Weston Solutions, Inc.

PLM NYS ELAP 198.1

All samples were analyzed via Polarized Light Microscopy (PLM) using the procedures from the PLM NYS ELAP 198.1 method. All data was reported on a percent asbestos basis with a limit of quantification for the PLM NYS ELAP 198.1 method (stratified point count/400 point count) as <1%. Per this method, any sample found to contain asbestos was subject to a stratified point count.

QC Performed

The Quality Control (QC) and the equipment calibration were performed in compliance with EMSL's Quality Assurance Manual.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. In addition, I certify, that to the best of my knowledge and belief, the data as reported are true and accurate. Release of the data contained in this data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Benjamin Ellis
Asbestos Laboratory Manager
EMSL Cinnaminson, NJ





2. Tabulated Sample Results

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041528269
 CustomerID: RFWE53
 CustomerPO:
 ProjectID:

Attn: **Smita Sumbaly**
Weston Solutions (King Georges Post)
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Phone: (732) 585-4400
 Fax:
 Received: 09/18/15 5:40 PM
 Analysis Date: 9/30/2015
 Collected: 9/17/2015

Project: RFP #335 / 2-091715-142552-0003

Test Report:Asbestos Analysis of Bulk Material

Test	Analyzed Date	Color	Non Asbestos		Asbestos
			Fibrous	Non-Fibrous	
Sample ID P001-BA-022-01 041528269-0001		Description P001-BA-022 Homogeneity Homogeneous			
PLM NYS 198.1 Friable	9/30/2015	Gray/Tan		50.00% Non-fibrous (other)	50.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID P001-BA-023-01 041528269-0002		Description P001-BA-023 Homogeneity Homogeneous			
PLM NYS 198.1 Friable	9/30/2015	Gray		60.00% Non-fibrous (other)	40.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID P001-BA-024-01 041528269-0003		Description P001-BA-024 Homogeneity Homogeneous			
PLM NYS 198.1 Friable	9/30/2015	Gray		42.90% Non-fibrous (other)	57.10% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID P001-BA-025-01 041528269-0004		Description P001-BA-025 Homogeneity Homogeneous			
PLM NYS 198.1 Friable	9/30/2015	Gray		42.90% Non-fibrous (other)	57.10% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID P001-BA-026-01 041528269-0005		Description P001-BA-026 Homogeneity Homogeneous			
PLM NYS 198.1 Friable	9/30/2015	Gray		33.30% Non-fibrous (other)	66.70% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

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<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order: 041528269

CustomerID: RFWE53

CustomerPO:

ProjectID:

Test Report:Asbestos Analysis of Bulk Material

Test		Non Asbestos			
		Color	Fibrous	Non-Fibrous	Asbestos
Sample ID	P001-BA-027-01	Description	P001-BA-027		
	041528269-0006	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	9/30/2015	Gray/White	10.00% Cellulose	45.60% Non-fibrous (other)	44.40% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID	P001-BA-028-01	Description	P001-BA-028		
	041528269-0007	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	9/30/2015	Gray		42.90% Non-fibrous (other)	57.10% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID	P001-BA-029-01	Description	P001-BA-029		
	041528269-0008	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	9/30/2015	Tan	20.00% Cellulose	49.20% Non-fibrous (other)	30.80% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID	P001-BA-030-01	Description	P001-BA-030		
	041528269-0009	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	9/30/2015	Gray		50.00% Non-fibrous (other)	50.00% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed
Sample ID	P001-BA-031-01	Description	P001-BA-031		
	041528269-0010	Homogeneity	Homogeneous		
PLM NYS 198.1 Friable	9/30/2015	Gray		42.90% Non-fibrous (other)	57.10% Chrysotile
PLM NYS 198.6 VCM					Not Analyzed
PLM NYS 198.6 NOB					Not Analyzed
TEM NYS 198.4 NOB					Not Analyzed

**EMSL Analytical, Inc.**

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Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order: 041528269

CustomerID: RFW53

CustomerPO:

ProjectID:

Test Report: Asbestos Analysis of Bulk Material

Test	Color	Non Asbestos		Asbestos
		Fibrous	Non-Fibrous	

Analyst(s)

Amy JohnsonBenjamin Ellis, Laboratory Manager
or other approved signatory

NOB = Non Friable Organically Bound N/A = Not Applicable VCM = Vermiculite Containing Material

-In New York State, TEM is currently the only method that can be used to determine if NOB materials can be considered or treated as non-asbestos containing.

All samples examined for the presence of vermiculite when analyzed via NYS 198.1.

-NYS Guidelines for Vermiculite containing samples are available at http://www.wadsworth.org/labcert/elapcert/forms/VermiculiteInterimGuidance_Rev070913.pdf

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples were received in good condition unless otherwise noted.

This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. This report may contain data that is not covered by the NVLAP accreditation.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NYS ELAP 10872, PA ID# 68-00367



3. Worksheets/ Bench Sheets

Asbestos Analysis Of Bulk Materials using Polarized Light Microscopy With Point Counting

Special Instructions:

Due Date 10/02/2015

Email Results Only! THIS LOCATION DOES EPWORK ONLY! MUST HAVE RFP#. For Bulks w/ layers, email Smita Sumbaly and give her # of layers and final sample count: S.Sumbaly@westonsolutions.com

Sample Number	041528269-0001				Analyst	ajohnson			
Customer Sample No.	P001-BA-022-01				Analysis Date	9/30/2015			
Matrix	Bulk				Status	Positive Result			
Sample Colors	Gray/Tan		Homogeneity		Homogeneous		% Asbestos		50.00
Treatment	Teased		Stereo Asb. Est.				% Non-Asb. Fibrous		0
Texture	Fibrous		Temperature (C)		19.7		% Non-fibrous		50.00
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	50.00	1.548	1.553	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Point counts:	SlideID	Non-asbestos		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	2		1	0	0	0	0	0
	02	1		1	0	0	0	0	0
	03	0		1	0	0	0	0	0
	04	1		1	0	0	0	0	0

Sample Number	041528269-0002				Analyst	ajohnson			
Customer Sample No.	P001-BA-023-01				Analysis Date	9/30/2015			
Matrix	Bulk				Status	Positive Result			
Sample Colors	Gray		Homogeneity		Homogeneous		% Asbestos		40.00
Treatment	Teased		Stereo Asb. Est.				% Non-Asb. Fibrous		0
Texture	Fibrous		Temperature (C)		19.7		% Non-fibrous		60.00
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	40.00	1.551	1.556	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Point counts:	SlideID	Non-asbestos		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	2		1	0	0	0	0	0
	02	1		1	0	0	0	0	0
	03	1		1	0	0	0	0	0
	04	2		1	0	0	0	0	0

Sample Number		041528269-0003				Analyst		ajohnson	
Customer Sample No.		P001-BA-024-01				Analysis Date		9/30/2015	
Matrix		Bulk				Status		Positive Result	
Sample Colors	Gray	Homogeneity		Homogeneous		% Asbestos		57.10	
Treatment	Teased	Stereo Asb. Est.				% Non-Asb. Fibrous		0	
Texture	Fibrous	Temperature (C)		19.7		% Non-fibrous		42.90	
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	57.10	1.552	1.557	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	
	01	0	1	0	0	0	0	0	
	02	1	1	0	0	0	0	0	
	03	1	1	0	0	0	0	0	
	04	1	1	0	0	0	0	0	

Sample Number	041528269-0004				Analyst	ajohnson			
Customer Sample No.	P001-BA-025-01				Analysis Date	9/30/2015			
Matrix	Bulk				Status	Positive Result			

Asbestos Analysis Of Bulk Materials using Polarized Light Microscopy With Point Counting

Special Instructions:

Due Date 10/02/2015

Email Results Only! THIS LOCATION DOES EPWORK ONLY! MUST HAVE RFP#. For Bulks w/ layers, email Smita Sumbaly and give her # of layers and final sample count: S.Sumbaly@westonsolutions.com

Sample Colors	Gray			Homogeneity	Homogeneous			% Asbestos	57.10
Treatment	Teased			Stereo Asb. Est.				% Non-Asb. Fibrous	0
Texture	Fibrous			Temperature (C)	19.7			% Non-fibrous	42.90
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	57.10	1.550	1.555	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	
	01	2	1	0	0	0	0	0	
	02	0	1	0	0	0	0	0	
	03	1	1	0	0	0	0	0	
	04	0	1	0	0	0	0	0	

Sample Number	041528269-0005				Analyst	ajohnson			
Customer Sample No.	P001-BA-026-01				Analysis Date	9/30/2015			
Matrix	Bulk				Status	Positive Result			
Sample Colors	Gray			Homogeneity	Homogeneous		% Asbestos	66.70	
Treatment	Teased			Stereo Asb. Est.			% Non-Asb. Fibrous	0	
Texture	Fibrous			Temperature (C)	19.7		% Non-fibrous	33.30	
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	66.70	1.550	1.556	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	
	01	1	1	0	0	0	0	0	
	02	0	1	0	0	0	0	0	
	03	1	1	0	0	0	0	0	
	04	0	1	0	0	0	0	0	

Sample Number	041528269-0006				Analyst	ajohnson			
Customer Sample No.	P001-BA-027-01				Analysis Date	9/30/2015			
Matrix	Bulk				Status	Positive Result			
Sample Colors	Gray/White		Homogeneity	Homogeneous		% Asbestos	44.40		
Treatment	Teased		Stereo Asb. Est.			% Non-Asb. Fibrous	10		
Texture	Fibrous		Temperature (C)	19.7		% Non-fibrous	45.60		
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	44.40	1.553	1.558	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Cellulose	10			Ribbon-Like					
Point counts:	SlideID	Non-asbestos		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	2		1	0	0	0	0	0
	02	1		1	0	0	0	0	0
	03	1		1	0	0	0	0	0
	04	1		1	0	0	0	0	0

Sample Number		041528269-0007				Analyst		ajohnson	
Customer Sample No.		P001-BA-028-01				Analysis Date		9/30/2015	
Matrix		Bulk				Status		Positive Result	
Sample Colors	Gray	Homogeneity		Homogeneous		% Asbestos		57.10	
Treatment	Teased	Stereo Asb. Est.				% Non-Asb. Fibrous		0	
Texture	Fibrous	Temperature (C)		19.7		% Non-fibrous		42.90	
Comments:									
Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	57.10	1.549	1.554	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Page 11 of 22									

Asbestos Analysis Of Bulk Materials using Polarized Light Microscopy With Point Counting

Special Instructions:

Due Date 10/02/2015

Email Results Only! THIS LOCATION DOES EPWORK ONLY! MUST HAVE RFP#. For Bulks w/ layers, email Smita Sumbaly and give her # of layers and final sample count: S.Sumbaly@westonsolutions.com

Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	1	1	0	0	0	0	0
	02	1	1	0	0	0	0	0
	03	0	1	0	0	0	0	0
	04	1	1	0	0	0	0	0

Sample Number	041528269-0008	Analyst	ajohnson
Customer Sample No.	P001-BA-029-01	Analysis Date	9/30/2015
Matrix	Bulk	Status	Positive Result

Sample Colors	Tan	Homogeneity	Homogeneous	% Asbestos	30.80
Treatment	Teased	Stereo Asb. Est.		% Non-Asb. Fibrous	20
Texture	Fibrous	Temperature (C)	19.7	% Non-fibrous	49.20

Comments:

Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	30.80	1.550	1.554	Wavy	+	No	Low: <=0.010	Colorless	Parallel
Cellulose	20			Ribbon-Like					

Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	1	1	0	0	0	0	0
	02	3	1	0	0	0	0	0
	03	2	1	0	0	0	0	0
	04	3	1	0	0	0	0	0

Sample Number	041528269-0009	Analyst	ajohnson
Customer Sample No.	P001-BA-030-01	Analysis Date	9/30/2015
Matrix	Bulk	Status	Positive Result

Sample Colors	Gray	Homogeneity	Homogeneous	% Asbestos	50.00
Treatment	Teased	Stereo Asb. Est.		% Non-Asb. Fibrous	0
Texture	Fibrous	Temperature (C)	19.7	% Non-fibrous	50.00

Comments:

Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	50.00	1.550	1.555	Wavy	+	No	Low: <=0.010	Colorless	Parallel

Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	1	1	0	0	0	0	0
	02	2	1	0	0	0	0	0
	03	0	1	0	0	0	0	0
	04	1	1	0	0	0	0	0

Sample Number	041528269-0010	Analyst	ajohnson
Customer Sample No.	P001-BA-031-01	Analysis Date	9/30/2015
Matrix	Bulk	Status	Positive Result

Sample Colors	Gray	Homogeneity	Homogeneous	% Asbestos	57.10
Treatment	Teased	Stereo Asb. Est.		% Non-Asb. Fibrous	0
Texture	Fibrous	Temperature (C)	19.7	% Non-fibrous	42.90

Comments:

Material	Pct	R.I. Perpend.	R.I. Parallel	Morphology	Elongation	Pleochroism	Birefringence	Fiber Color	Extinction
Chrysotile	57.10	1.551	1.556	Wavy	+	No	Low: <=0.010	Colorless	Parallel

Point counts:	SlideID	Non-asbestos	Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite
	01	1	1	0	0	0	0	0
	02	1	1	0	0	0	0	0
	03	0	1	0	0	0	0	0
	04	1	1	0	0	0	0	0

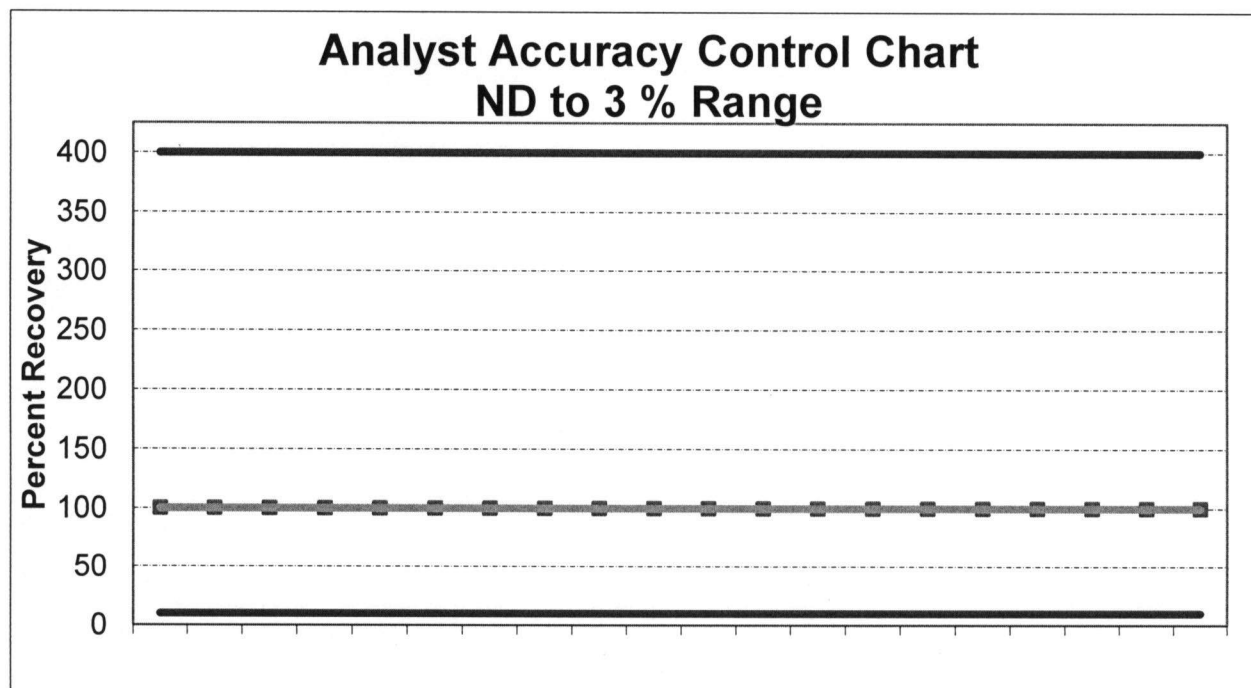
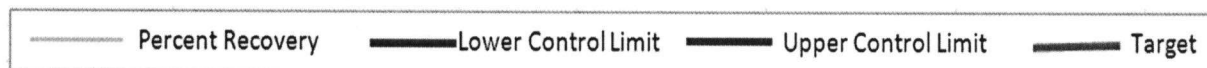


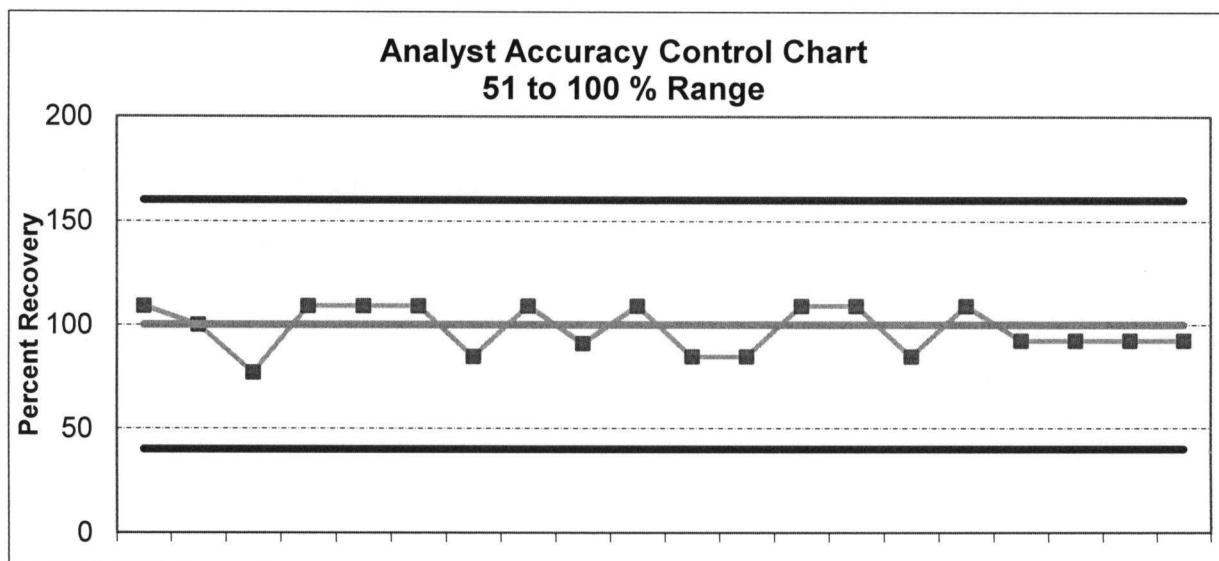
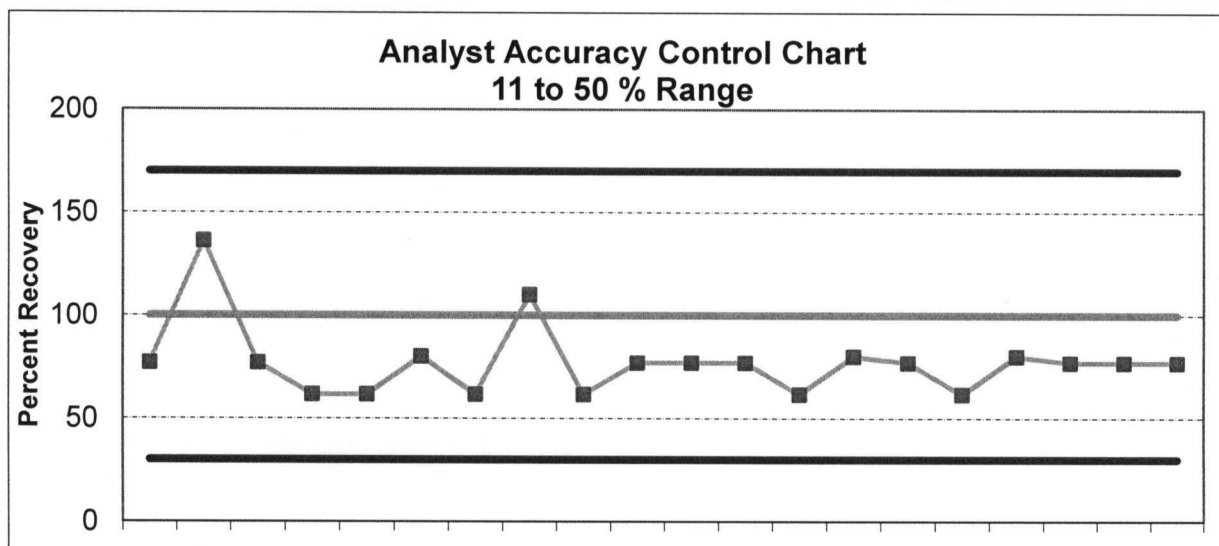
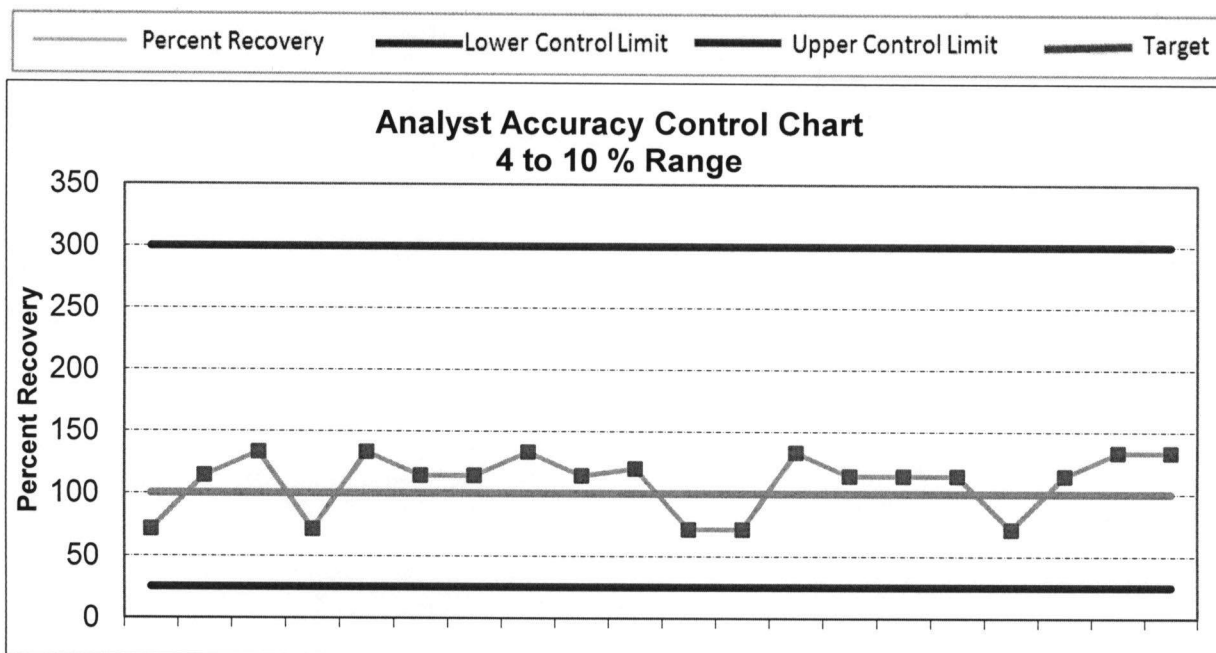
4. QC Data Reports/Logs

EMSL PLM ANALYST ACCURACY

Analyst: Amy Johnson

		Accuracy Coefficient (target 0)	Recovery (Bias) (target 100)
Range:	ND - 3 %	0.0	100.0
	4 - 10 %	23.9	109.6
	11 - 50 %	27.3	77.4
	51 - 100 %	10.3	97.9





EMSL PLM ANALYST ACCURACY

Analyst: Amy Johnson

Range: ND - 3%

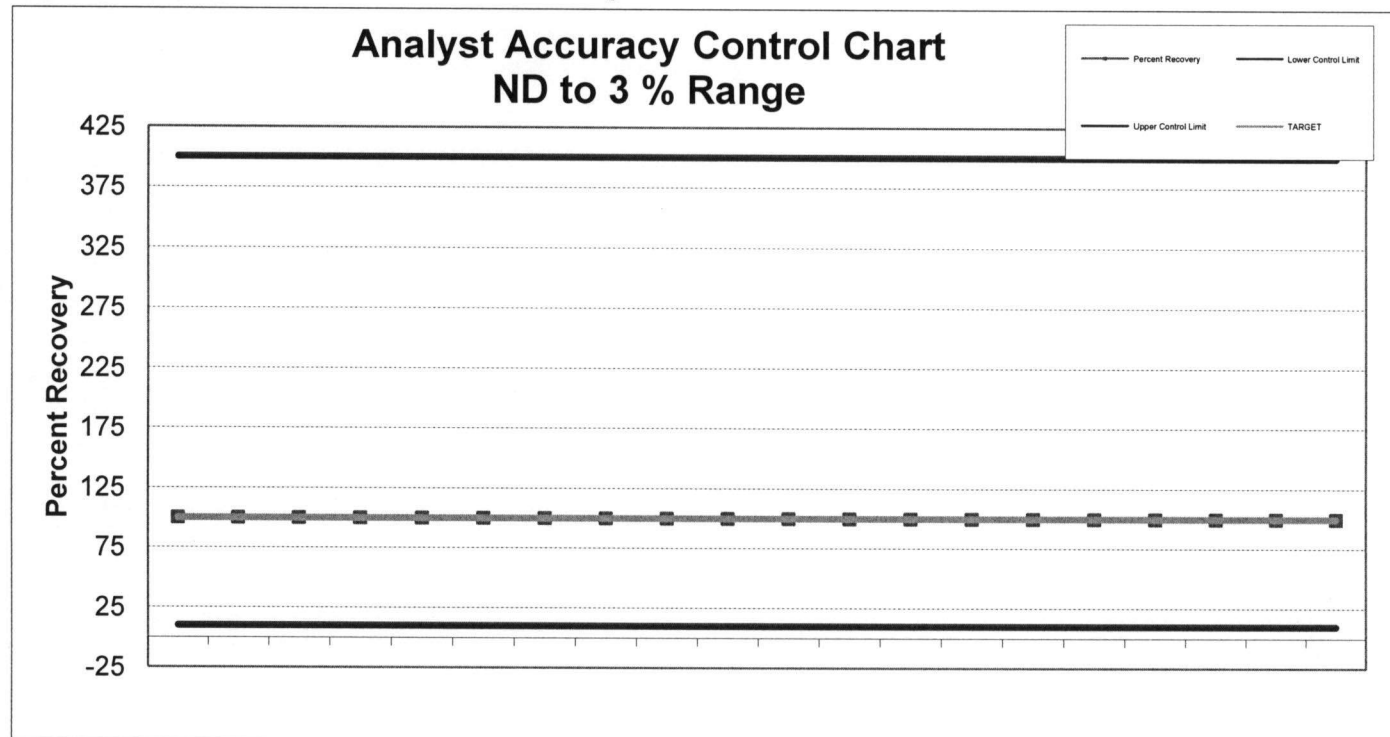
Enter multiple asbestos types w/ the predominant type first.

(ex. Chrys / Amos when %Chrys is > %Amosite)

Accuracy Coefficient -

Date	Sample ID	Reference Values		Analysis Results		Qualitative In Control?	Target		Quantitative In Control?
		Asbestos Type	%	Asbestos Type	%		100%	0%	
8/21/15	FT-1	ND	ND	ND	ND	IN	N/A	N/A	N/A
8/27/15	P	ND	ND	ND	ND	IN	N/A	N/A	N/A
8/28/15	FT-1	ND	ND	ND	ND	IN	N/A	N/A	N/A
8/31/15	FT-5	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/2/15	O	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/3/15	Q	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/4/15	FT-1	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/9/15	O	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/10/15	E	Anthophyllite	<1	Anthophyllite	<1	IN	100	0	IN
9/11/15	FT-5	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/16/15	O	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/17/15	E	Anthophyllite	<1	Anthophyllite	<1	IN	100	0	IN
9/18/15	FT-5	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/19/15	P	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/20/15	W	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/21/15	O	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/22/15	P	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/24/15	FT-5	ND	ND	ND	ND	IN	N/A	N/A	N/A
9/25/15	E	Anthophyllite	<1	Anthophyllite	<1	IN	100	0	IN
9/30/15	O	ND	ND	ND	ND	IN	N/A	N/A	N/A

Average Accuracy Coefficient = 0.0 Target = 0





5. Client and EMSL Internal Chains of Custody

AirbillNo: Lab Courier

CHAIN OF CUSTODY RECORD

RFP # ~~site #~~ A25L-335

Contact Name: Karla Guerrero

Contact Phone: (908)-565-2979

No: 2-091715-142552-0003

Cooler #: 1

Lab: EMSL Analytical, Inc.

Lab Phone: 800-220-3675

[illegible]

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Special Instructions: TAT: 14 days preliminary, 42 days validated. Site is in New York, use NY ELAP 198.1. Email results to smitta_sumbaly@westonsolutions.com and karla.guerrero@westonsolutions.com

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All samples All analysis	Karla E. Quinter RST3	9/18/15 1:15 pm	[Signature] / EMSU	09-18-15 13:15	
	[Signature] / EMSU	09-18-15 12:48	CC	9-18-15	5:40 to 6:00 Cenir

Precautionary Measures Against Hidden Hazards in Laboratory Samples

Notice to Laboratory Personnel

Background

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, as amended, Section 311 of the Clean Water Act (CWA), as amended, by the Oil Pollution Act of 1990 (OPA), Subtitle I of the Resource Conservation and Recovery Act (RCRA), and pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Presidential Decision Document (PDD) #39, the Environmental Protection Agency (EPA) has been delegated the responsibility to undertake response actions with respect to, as a general matter, the release or threat of release of oil, petroleum products, hazardous substances, or pollutant and contaminants, that pose an actual or potential threat to human health or welfare, or to the environment. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to the public health or the environment on the National Priorities List (NPL).

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Removal Support Team (RST) for EPA. The WESTON RST Contract EP-W-06-072, provides this support to EPA Region II.

Hazard Communication

The samples which accompany this notice were shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON RST and tentatively designated by the field response team, as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soil locations that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a radiation survey meter are considered *Radioactive Samples*.

The samples which accompany this notice were tentatively classified by the field response team as:

_____ Environmental ☒ Hazardous _____ Comb. (Enviro. & Hazard.) _____ Radioactive

The field team which collected the samples, used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

_____ Level A _____ Level B ☒ Level C _____ Level D

The information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The Sample classification(s) and Levels of personal protection used by the WESTON RST are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgment.

Laboratory Name EMSL Analytical RFP No. 335
Prepared by: Karla Guerrero Date 9/18/15

WESTON Office: Region II RST, Edison, NJ; Phone: 732-585-4400 Fax: 732-225-7037



Weston Solutions, Inc.
Suite 201
1090 King Georges Post Road
Edison, NJ 08837
732-585-4410 - Fax 732-225-7037

REMOVAL SUPPORT TEAM 3 (RST 3)
EPA CONTRACT EP-S2-14-01

July 24, 2015

Mr. Scott Ross
EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, New Jersey 08077

SUBJECT: REQUEST FOR BID FOR RST 2 RFP No. 335

This letter and request for bid attachment establishes the terms and conditions for the analysis of samples for Weston Solutions, Inc. (WESTON®) on behalf of our client, the U.S. Environmental Protection Agency.

The samples are to be analyzed for the parameters listed, by the methods indicated on the attached Request for Bid Form. Any deviations from the methods specified should be submitted with your bid. Method detection limits are those specified in the test method(s) unless otherwise stated. It should be noted that the actual quantity of samples may vary based on field activities. All quoted unit prices for analysis must remain fixed regardless of the actual number of samples sent for analysis. WESTON will make every effort to notify the laboratory if the number of samples is changed from the number specified in this package. The data will be submitted as a paginated, CLP-type package including all CLP forms (or reasonable facsimiles) and supporting raw data. A data review of the written analytical results will be conducted by the WESTON Removal Support Team 2 to verify the integrity of the data. One copy of the written analytical data package is required. (We do not consider results by facsimile machines or electronic results to be the written analytical data package.)

For results received beyond the prescribed turnaround time (in calendar days), a cumulative reduction in the total charge will be three percent for the first day, two percent for the second day, and an additional one percent for each additional day. A delay in the delivery of any portion of the data package will result in a reduction calculated against the charge for the total data package. If the written data is delayed because the delivery date falls on a Saturday, Sunday, or the following holidays: New Year's Day, Martin Luther King Jr. Day, Memorial Day, July 4th, Labor Day, Thanksgiving Day, the day after Thanksgiving, the day before Christmas, and Christmas, no reduction will be incurred for these days. The turnaround time (day 0) begins with the delivery of the samples to your laboratory. In the event the samples are received after 10:30 AM, the turnaround time will begin on the following day.

WRITTEN APPROVAL FOR SUBCONTRACTING ANY PORTION OF THIS WORK BY YOUR FIRM MUST BE GRANTED BY THE REGIONAL LABORATORY COORDINATOR ON BEHALF OF WESTON PRIOR TO THE PERFORMANCE OF ANY WORK STATED IN THE AGREEMENT. WESTON MUST BE NOTIFIED OF YOUR INTENT TO SUBCONTRACT AT THE TIME THAT BIDS ARE SUBMITTED. PLEASE BE ADVISED THAT ALL PRICING INFORMATION PROVIDED IN RESPONSE TO THIS RFP IS SUBJECT TO REVIEW BY EPA.

Initial RD

Date 7-27-15



Weston Solutions, Inc.

1090 King Georges Post Road, Suite 201
Edison, NJ 08837

Phone: (732) 585-4400 • Fax: (732) 225-7037

RECEIVED
EMSL
CINNAMINSON, N.J.
2015 SEP 18 P 5:44

Laboratory Name: EMSL Analytical, Inc.

Attention: Scott Ross

Date: September 18, 2015

RFP No.: 335

This letter requests that your laboratory return all sample coolers to the above address within 14 calendar days following receipt of the shipment. In accordance with the terms and conditions established in the Request for Proposal, all shipping and freight costs for the return of the coolers are the contract laboratory's responsibility.

When returning coolers, please send them to the attention of Rick Francis. Weston Solutions, Inc. greatly appreciates your cooperation in this matter. If you have any questions, please contact us at 732-585-4400.

Sincerely,

Weston Solutions, Inc.

Karla Guerrero
Site Project Manager

an employee-owned company

In association with Scientific and Environmental Associates, Inc.,
Environmental Compliance Consultants, Inc. Austin Environmental, LLC



INTERNAL CHAIN OF CUSTODY

Order ID: 041528269

9/18/2015 8:35:57 PM

Attn: Smita Sumbaly
Weston Solutions (King Georges Post)
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Fax: Phone: (732) 585-4410
Project: RFP #335

Customer ID: RFWE53
Customer PO:
Received: 09/18/15 5:40 PM
EMSL Order: 041528269
EMSL Proj ID:
Cust COC ID

REPORT TO INSTRUCTIONS

- ☒ Send Receipt Confirmation Emails
☐ No electronic signatures
Billing Frequency
CON -- Create Invoice, Do Not Transfer, Do Not Mail. Contract invoicing in
Accounting Terms: N30
Sales Rep and Comment: sross
Read to 0.001 s/cc on contract jobs
- ☒ Project ID required
☐ Cust. COC ID required
☐ Miscellaneous account

Instructions

Email Results Only! THIS LOCATION DOES EPWORK ONLY! MUST HAVE RFP#. For Bulks w/ layers, email Smita Sumbaly and give her # of layers and final sample count: S.Sumbaly@westonsolutions.com

Internal Comment

SC 9.30.15

BILL TO INSTRUCTIONS

- ☐ Exempt from prep charge
☐ Exempt from off hour min charges
☐ Exempt from layer/aliquot charges
☐ Authorization to use credit card
☒ P.O. Required

Billing Frequency

CON -- Create Invoice, Do Not Transfer, Do Not Mail. Contract invoicing in place, please create the invoice locally and corporate contracts dept. will

Use Billing Contact:

Accounting Terms: N30

Payment Directions: CON

Instructions

With Report -- Create and send an invoice for each Order ID. PO required on all invoices (PO# 0086623 for 310A)

Test: PLM NYS 198.1 Friable

Matrix Bulk

TAT: 2 Week

Qty: 10

Desc: Asbestos Analysis of Bulk Materials by PLM via the

Logged: ccurran

Date: 9/18/2015

- ☐ Lab Opening Exempt For Test
☐ Layer/Aliquot Charge Exempt For Test
☐ Prep Charge Exempt For Test
☒ Free Shipping Eligible

Sample Condition: ☐ Acceptable
☐ Unacceptable

Comments

Prepped: AJ **Date:** 9/30/15
Analyzed: **Date:**
Data Entry: **Date:**
Screened: CW **Date:** 9/30/15
Mailed: CW **Date:** 9/30/15
Scanned Internal Docs: D.B. **Date:** 9/30/15

Special Test Instructions

Lab Sample #	Cust. Sample #	Location	Due Date
041528269-0001	P001-BA-022-01	P001-BA-022	10/2/2015 5:40:00 PM
041528269-0002	P001-BA-023-01	P001-BA-023	10/2/2015 5:40:00 PM
041528269-0003	P001-BA-024-01	P001-BA-024	10/2/2015 5:40:00 PM
041528269-0004	P001-BA-025-01	P001-BA-025	10/2/2015 5:40:00 PM
041528269-0005	P001-BA-026-01	P001-BA-026	10/2/2015 5:40:00 PM
041528269-0006	P001-BA-027-01	P001-BA-027	10/2/2015 5:40:00 PM
041528269-0007	P001-BA-028-01	P001-BA-028	10/2/2015 5:40:00 PM

INTERNAL CHAIN OF CUSTODY

Order ID: 041528269

9/18/2015 8:35:58 PM

Attn: Smita Sumbaly
Weston Solutions (King Georges Post)
1090 King Georges Post Road
Suite 201
Edison, NJ 08837

Customer ID: RFWE53
Customer PO:
Received: 09/18/15 5:40 PM

Fax: Phone: (732) 585-4410

EMSL Order: 041528269

Project: **RFP #335**

EMSL Proj ID:

Cust COC ID

Lab Sample #	Cust. Sample #	Location	Due Date
041528269-0008	P001-BA-029-01	P001-BA-029	10/2/2015 5:40:00 PM
041528269-0009	P001-BA-030-01	P001-BA-030	10/2/2015 5:40:00 PM
041528269-0010	P001-BA-031-01	P001-BA-031	10/2/2015 5:40:00 PM



6. Equipment Performance Checks

ASB-FM-200 PLM Calibration
Revision 5.5
August 25, 2015



Lab: Cinnaminaldehyde

Month / Year: September 2015

PLM Scope # 9

[illegible]

*Contamination check(s) includes all of the the following: Tools, Reagent Grade Salt, R.I. Oils, Work Surfaces, Slides, Cover Slips, Mortar & Pestle
Mark 1 "X" for each contamination check performed; check(s) are performed daily and after every 20 uses of homogenization equipment.

Controlled Document

Confidential Business Information/Property of EMSL Analytical, Inc.

Page 25 of 36

Page 1 of 1



7. NVLAP/AIHA Certifications

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.
Cinnaminson, NJ

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2015-06-02 through 2016-06-30

Effective Dates



A handwritten signature in black ink, which appears to read "William R. Murphy".

For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.

200 Route 130 North

Cinnaminson, NJ 08077

Mr. Ben Ellis

Phone: 800-220-3675 Fax: 856-786-5973

Email: bellis@emsl.com

<http://www.emsl.com>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 101048-0

Bulk Asbestos Analysis

Code

Description

18/A01

EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

18/A03

EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

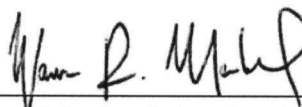
Airborne Asbestos Analysis

Code

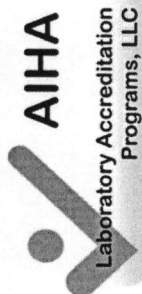
Description

18/A02

U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: 100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | |
|--|-----------------------------------|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires: 09/01/2016 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires: 09/01/2016 |
| <input type="checkbox"/> FOOD | Accreditation Expires: |
| <input type="checkbox"/> UNIQUE SCOPES | 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 ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Gerald R Schultz

Gerald Schultz, CIH
Chairperson, Analytical Accreditation Board

Revision 14: 03/26/2014

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 10/31/2014



AIHA Laboratory Accreditation Programs, LLC

SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: **100194**
Issue Date: 10/31/2014

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 withdrawal of accreditation.

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/ Title of In-house Method	Method Description or Analyte (for internal methods only)
Chromatography Core	Gas Chromatography	GC/FID	NIOSH 1003 Modified	
			NIOSH 1005	
			NIOSH 1400	
			NIOSH 1500 Modified	
			NIOSH 1501 Modified	
			NIOSH 1550 Modified	
			NIOSH 1603 Modified	
			NIOSH 2000 Modified	
		GC/ECD	NIOSH 5502 Modified	
			NIOSH 5503 Modified	
	GC/MS		NIOSH 5510 Modified	
			OSHA 1010 Modified	
	Gas Chromatography (Diffusive Samplers)		EPA TO-15	
	Ion Chromatography (IC)		NIOSH 1501 Modified	
			NIOSH 6004 Modified	
			NIOSH 6011	
			NIOSH 7903	
			OSHA ID-214	
			OSHA ID-215 Modified	



IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte (for internal methods only)
Chromatography Core	Liquid Chromatography	HPLC/FL	NIOSH 5506 Modified	
		HPLC/UV	NIOSH 2016	
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009 Modified	
			OSHA ID-140 Modified	
			OSHA ID-145	
		FAA	NIOSH 7082	
		GFAA	NIOSH 7105	
	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	
		ICP/AES	NIOSH 7300 Modified	
	X-ray Diffraction (XRD)		NIOSH 7500 Modified	
			OSHA ID-142 Modified	
Asbestos/Fiber Microscopy Core	UV/VIS (Colorimetric)		NIOSH 6010 Modified	
	Polarized Light Microscopy (PLM)		EPA 600/R-93/116	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
	Transmission Electron Microscopy (TEM)		EPA AHERA - 40 CFR Part 763	EPA AHERA Method (40 CFR 763, Subpart E, Appendix A, Mandatory Method)
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600	
			NIOSH 5524	
	Thermo-optical Analysis (TOA)		NIOSH 5040	

A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>



8. Customer Correspondence



July 24, 2015
Page - 2 -

SUBJECT: REQUEST FOR BID FOR RST 2 RFP No. 335

LABORATORY NAME: EMSL Analytical, Inc.

The laboratory is responsible for the disposal of samples. Sample shipping containers must be returned within 14 calendar days following receipt of samples from the sampler. WESTON will not dispose of any samples or pay additional shipping or freight costs. Costs for sample disposal and shipping/freight, if any, must be included in the original bid process.

All bidding laboratories are requested to complete all information and sign the attached Request for Bid Form and return by facsimile at (732) 225-7037 or email at s.sumbaly@westonsolutions.com by 18:30 P.M. hours EDT on July 27, 2015. Late or altered format bids may not be considered for award.

WESTON's payment terms for analytical work are net 45 days from the invoice date or receipt of data (whichever is later), providing the data is complete and that any applicable late penalties are properly reflected on the invoice. Incorrect invoices will cause delays in payment.

By bidding on this project and signing below you are acknowledging receipt and acceptance of the Federal Acquisition Regulation (FAR) clauses (RST 2) and the Appendix L, General Provisions Laboratory Services Agreement that are attached or have previously been provided and which, per our contract with the U.S. Environmental Protection Agency, must be applied to all subcontracts. Please be aware of the insurance provisions contained in the attached Appendix L. If you have not yet supplied this office with a current Certificate of Insurance indicating that your company has the required insurances, please provide such a Certificate with your bid.

If you have questions or require additional information to bid on this project, please contact Smita Sumbaly or Timothy Benton at (732) 585-4425. Please have an authorized representative from your company sign the signature line below, indicating that your firm agrees to the terms set forth in this letter. This letter must be signed by a person empowered to bind the company. Please return a copy of the signed letter via facsimile or email with the Request for Bid Form. If your laboratory is selected for award, a letter of confirmation and the corresponding Purchase Order number will be sent by WESTON.

Sincerely,

WESTON SOLUTIONS, INC.


Smita Sumbaly
Chemist QA/QC Specialist

Authorized Laboratory Signature: 

Printed Name:

Robert DeMalo

Position:

SVP Lab Svcs & Bus. Dev.

Attachments: Request for Bid Forms
Sample Analyses Plan
Representations and Certifications (Fill out, sign, return)
Appendix L, General Provisions, Laboratory Services Agreement
Supplemental Provisions (Initial pages, return)

an employee-owned company

In association with Scientific and Environmental Associates, Inc., Avatar Environmental, LLC,
Environmental Compliance Consultants, On-Site Environmental, Inc., and Sovereign Consulting, Inc.



**ATTACHMENT A
SAMPLE ANALYSIS PLAN**

SITE REFERENCE: RFP No. 335 DATE FOR LAB RECEIPT OF SAMPLES: August 7, 2015 QA Screening Data
 SAMPLING: August 3 through 7, 2015 TDD # TO-0006-0035
 RST 2 CONTRACT NO: EP-S2-14-01 EXPECTED TURNAROUND: Two weeks Preliminary and Three weeks written Data

No. of Samples	Matrix	Analytical Parameter	Method	Minimum Detection Limit	Unit Cost	Total Cost
40	Bulk	Asbestos - PLM	Friable Samples: NY ELAP 198.1 Non-Friable Samples: NY ELAP 198.4 198.6 If sample concentration <0.1% than run TEM analysis by NY ELAP 198.4. (Results should include type & count of fibers)	0.1%	\$7.00 \$17.00 \$30.00	\$280.00 \$680.00 \$1200.00
The laboratory must be NVLAP certified for asbestos. The site is located in New York. Note: The laboratory is responsible for the following deliverables: Asbestos: Results should include Type of Asbestos, fibers & count of fibers; Analyze samples as per NY ELAP Method 198.1 or 198.6/198.4; 5% of samples, minimum one per batch, shall be counted in duplicate by same analyst (1% relative percent difference); 5% of samples, minimum one per batch, shall be counted in duplicate by different analysts; 3. Identify fibers > 3:1 length: width. 4. Signed Chain-of-Custody form; 5. Narrative statement regarding the analytical method followed and ability to comply with the method, in addition to any problems encountered and corrective actions taken; 6. Tabulated sample data results reported in percent (%) asbestos and corresponding detection level; 7. Instrument alignment and calibration data, including refractive index liquid calibration data; 8. Laboratory Reference Sample results; 9. All QC data required by the method; 10. Analyst data sheets, sample prep logs, PLM Photos and/or Spectra; and instrument calibration sheets; and 11. Documentation must also include: the method of quantitation used; the quality control procedures of the laboratory; and a detailed example calculation that clearly demonstrates the manner in which initial and final results were derived.						Total: \$2160.00

Laboratory: EMSL Analytical, Inc. Address: 490 Rowley Road City: Depew State: NY

Zip Code: 14043 Phone: (716) 651-0030 FAX: (856) 786-5971 Lab Contact: Rhonda McGee

Sampling Receiving Hours (Monday through Friday): 8am - 7pm Weekends: 8am - 5pm

Email Address: contracts@emsl.com

SAMPLE ANALYSIS PLAN

A SITE REFERENCE: RFP No. 335 SITE ID # ZZ TDD #: TO-0006-0035 QA-Definitive Data
 SAMPLING DATE: August 3-7, 2015 DATE FOR LAB RECEIPT OF SAMPLES: August 7, 2015
 RST 3 CONTRACT NO: EP-S2-14-01 EXPECTED TURNAROUND: Two weeks verbal, 3 weeks written.

No. of Samples	Matrix	Analytical Parameter	Method	Minimum Detection Limit	Unit Cost	Total Cost
10 LM-Conc.	Paint Chips/Flakes	TCLP Metals and mercury	CLP SOW ISM01.3 OR SW 846 methods 6010B (Metals, 7471(Hg).	* See Below	\$140.00	\$1400.00
1 LM-Conc.	MS/MSD				\$140.00	\$140.00
TOTAL: \$1540.00						

Need Electronic Verbal results at S.Sumbaly@westonsolutions.com

Written results must follow a standard USEPA CLP-Format deliverable. All proposed unit prices for analysis must remain fixed regardless of the actual number of samples forwarded for analysis.

The laboratory is responsible for the following deliverables: SEE ATTACHED LABORATORY DATA PACKAGE ELEMENTS:

1. Signed Chain-of-Custody form.
2. Narrative statement regarding the quality control procedures utilized and the analytical method followed. In addition, the ability to comply with the method, any problems encountered, and corrective actions taken.
3. Tabulated sample data results and corresponding detection level.
4. Instrument alignment and calibration data.
5. Detailed example calculation that clearly demonstrates the manner in which the initial and final results are derived with each component of the calculation explained.
6. All raw data including sample preparation logs and instrument calibration sheets.

* Holding time: Metals: 6 months & Mercury 28 days from date of collection to date of analysis.

Laboratory: EMSL Analytical, Inc. Address: 200 Route 130 North City: Cinnaminson State: NJ

Zip Code: 08077 Phone: (800) 220-3675 FAX: (856) 786-5971 Lab Contact: Julie Smith

Sampling Receiving Hours (Monday through Friday): 9am-6pm Weekends: _____

Email Address: contracts@emsl.com

* TCLP 1311/6010C	Arsenic	0.10	TCLP 1311/6010C	Lead	0.10
TCLP 1311/6010C	Barium	0.50	TCLP 1311/6010C	Selenium	0.10
TCLP 1311/6010C	Cadmium	0.10	TCLP 1311/6010C	Silver	0.10
TCLP 1311/6010C	Chromium	0.10	TCLP 1311/7470A	Mercury	0.0020



9. Shipping Documentation