



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241902233

Customer ID: TIGH62

Customer PO:

Project ID:

Attention: Amy Vaillancourt

Tighe & Bond

213 Court Street

Suite 1100

Middletown, CT 06457

Phone: (860) 685-0817

Fax: (860) 704-4775

Received Date: 05/02/2019 4:30 PM

Analysis Date: 05/16/2019

Collected Date: 05/02/2019

Project: 14-0700-035/ 98 PROSPECT ST ENFIELD, 1, 4, 5, 7

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5-2-BC-01 241902233-0001	BUILDING #1 - BUILT UP ROOFING	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-2-BC-02 241902233-0002	BUILDING #1 - BUILT UP ROOFING	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-BC-03 241902233-0003	BUILDING #1 - WHITE WINDOW GLAZING COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-BC-04 241902233-0004	BUILDING #1 - WHITE WINDOW GLAZING COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-BC-05 241902233-0005	BUILDING #1 - RED BRICK	Red Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
5-2-BC-06 241902233-0006	BUILDING #1 - RED BRICK	Red Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-BC-07 241902233-0007	BUILDING #1 - GRAY MORTAR	Gray Non-Fibrous Homogeneous		7% Quartz 93% Non-fibrous (Other)	None Detected
5-2-BC-08 241902233-0008	BUILDING #1 - GRAY MORTAR	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-09 241902233-0009	BUILDING #1 - ASH	Black Non-Fibrous Homogeneous	3% Cellulose	5% Quartz 92% Non-fibrous (Other)	None Detected
5-2-BC-10 241902233-0010	BUILDING #1 - ASH	Black Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-11 241902233-0011	BUILDING #1 - CHIMNEY CAULKING	Tan/Red Non-Fibrous Homogeneous		98% Non-fibrous (Other)	2% Chrysotile
5-2-BC-12 241902233-0012	BUILDING #1 - CHIMNEY CAULKING				Positive Stop (Not Analyzed)
5-2-BC-13 241902233-0013	BUILDING #1 - WHITE 2X4 ACOUSTIC TILE	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
5-2-BC-14 241902233-0014	BUILDING #1 - WHITE 2X4 ACOUSTIC TILE	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected
5-2-BC-15 241902233-0015	BUILDING #1 - THIN RED 12X12 FLOOR TILE	Red Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile

Initial report from: 05/16/2019 15:04:25



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

**EMSL Order:** 241902233  
**Customer ID:** TIGH62  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5-2-BC-16 241902233-0016	BUILDING #1 - THIN RED 12X12 FLOOR TILE				Positive Stop (Not Analyzed)
5-2-BC-17 241902233-0017	BUILDING #1 - GYPSUM BOARD	Gray Non-Fibrous Homogeneous	7% Cellulose	93% Non-fibrous (Other)	None Detected
5-2-BC-18 241902233-0018	BUILDING #1 - GYPSUM BOARD	Gray Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
5-2-BC-19 241902233-0019	BUILDING #1 - CONCRETE	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
5-2-BC-20 241902233-0020	BUILDING #1 - CONCRETE	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
5-2-BC-21 241902233-0021	BUILDING #4 - BUILT UP ROOFING	Black Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
5-2-BC-22 241902233-0022	BUILDING #4 - BUILT UP ROOFING	Black Fibrous Homogeneous	40% Cellulose	10% Quartz 50% Non-fibrous (Other)	None Detected
5-2-BC-23 241902233-0023	BUILDING #4 - ROOF FLASHING TAR	Black Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-24 241902233-0024	BUILDING #4 - ROOF FLASHING TAR	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (Other)	None Detected
5-2-BC-25 241902233-0025	BUILDING #4 - RED BRICK	Red Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
5-2-BC-26 241902233-0026	BUILDING #4 - RED BRICK	Red Non-Fibrous Homogeneous		2% Quartz 98% Non-fibrous (Other)	None Detected
5-2-BC-27 241902233-0027	BUILDING #4 - MORTAR	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-28 241902233-0028	BUILDING #4 - MORTAR	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-29 241902233-0029	BUILDING #5 - BUILT UP ROOFING	Black Fibrous Homogeneous	35% Cellulose	10% Quartz 55% Non-fibrous (Other)	None Detected
5-2-BC-30 241902233-0030	BUILDING #5 - BUILT UP ROOFING	Black Fibrous Homogeneous	40% Cellulose	10% Quartz 50% Non-fibrous (Other)	None Detected
5-2-BC-31 241902233-0031	BUILDING #5 - CHIMNEY BLOCK	Red/Black Non-Fibrous Homogeneous	5% Cellulose	5% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-32 241902233-0032	BUILDING #5 - CHIMNEY BLOCK	Red/Black Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-33 241902233-0033	BUILDING #5 - CHIMNEY MORTAR	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
5-2-BC-34 241902233-0034	BUILDING #5 - CHIMNEY MORTAR	Gray Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected

Initial report from: 05/16/2019 15:04:25



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

**EMSL Order:** 241902233  
**Customer ID:** TIGH62  
**Customer PO:**  
**Project ID:**

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
5-2-BC-35 241902233-0035	BUILDING #5 - CERAMIC CHIMNEY FLUE	Red Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-36 241902233-0036	BUILDING #5 - CERAMIC CHIMNEY FLUE	Red Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-37 241902233-0037	BUILDING #5 - CMU	Gray/Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-2-BC-38 241902233-0038	BUILDING #5 - CMU	Gray Non-Fibrous Homogeneous		5% Quartz 95% Non-fibrous (Other)	None Detected
5-2-BC-39 241902233-0039	BUILDING #5 - MORTAR	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-40 241902233-0040	BUILDING #5 - MORTAR	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
5-2-BC-41 241902233-0041	BUILDING #7 - ROOFING DEBRIS	Black Fibrous Homogeneous	30% Cellulose 20% Glass	10% Quartz 40% Non-fibrous (Other)	None Detected
5-2-BC-42 241902233-0042	BUILDING #7 - ROOFING DEBRIS	Black Fibrous Homogeneous	40% Cellulose	10% Quartz 50% Non-fibrous (Other)	None Detected
5-2-BC-43 241902233-0043	BUILDING #8 - TRANSITE PANELING	Gray Non-Fibrous Homogeneous		85% Non-fibrous (Other)	15% Chrysotile
5-2-BC-44 241902233-0044	BUILDING #8 - TRANSITE PANELING				Positive Stop (Not Analyzed)

Analyst(s)

Angela Catalano (5)

Kelsey Witik (4)

Leslie Tetrick (15)

Quetcy Castro Romero (17)

Almedina Hodzic, Asbestos Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. 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. All samples received in acceptable 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. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial report from: 05/16/2019 15:04:25