



EMSL Analytical, Inc.

10801 Southern Loop Blvd Pineville, NC 28134

Tel/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com> / charlottelab@emsl.com

EMSL Order: 411904749

Customer ID: AEIC62

Customer PO: 382016

Project ID:

Attention: Staige Miller
AEI Consultants
2500 Camino Diablo
Suite 100
Walnut Creek, CA 94597

Phone: (804) 938-3935

Fax:

Received Date: 05/20/2019 8:35 AM

Analysis Date: 05/20/2019

Collected Date:

Project: 382016/ Love Towers/ 1171 Armstrong Ave., Knoxville, TN 37917

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
2A 411904749-0001	1st Fl. Hall-Bldg. A - 12"x12" Ceiling Tile	Gray/White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
2B 411904749-0002	1st Fl. Hall-Bldg. A - 12"x12" Ceiling Tile	Gray/White Fibrous Homogeneous	80% Min. Wool	20% Non-fibrous (Other)	None Detected
2C 411904749-0003	1st Fl. Hall-Bldg. A - 12"x12" Ceiling Tile	Gray/White Fibrous Homogeneous	1% Cellulose 80% Min. Wool	19% Non-fibrous (Other)	None Detected
4A 411904749-0004	Basement-Bldg. B - 2'x2' Ceiling Tile	Gray/White Fibrous Homogeneous	55% Cellulose 15% Min. Wool	10% Perlite 20% Non-fibrous (Other)	None Detected
4B 411904749-0005	Basement-Bldg. B - 2'x2' Ceiling Tile	Gray/White Fibrous Homogeneous	55% Cellulose 15% Min. Wool	10% Perlite 20% Non-fibrous (Other)	None Detected
4C 411904749-0006	Basement-Bldg. B - 2'x2' Ceiling Tile	Gray/White Fibrous Homogeneous	55% Cellulose 10% Min. Wool	15% Perlite 20% Non-fibrous (Other)	None Detected
8A 411904749-0007	B-3rd Fl. Jan. CL - Drywall & Joint Compound	Gray Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
9A 411904749-0007A	B-3rd Fl. Jan. CL - Drywall & Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
8B 411904749-0008	123 BR Wall - Drywall & Joint Compound	Gray Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
9B 411904749-0008A	123 BR Wall - Drywall & Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
8C 411904749-0009	306 Bath Wall - Drywall & Joint Compound	Brown/Gray Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
9C 411904749-0009A	306 Bath Wall - Drywall & Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
9D 411904749-0010	227 LR Wall - Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
9E 411904749-0011	123 LR Wall - Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
9F-Joint Compound 411904749-0012	210 BR CL Wall - Joint Compound	Beige Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (Other)	2% Chrysotile
9F-Tape 411904749-0012A	210 BR CL Wall - Joint Compound	Tan Fibrous Homogeneous	100% Cellulose		None Detected

Initial report from: 05/21/2019 07:14:13



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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
9G <i>411904749-0013</i>	1st Fl. Bath CL Wall-Bldg. A - Joint Compound	White Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
12A <i>411904749-0014</i>	Basement Bldg. B - Mudded Pipe Fitting	White Fibrous Homogeneous		30% Ca Carbonate 55% Non-fibrous (Other)	15% Chrysotile
12B <i>411904749-0015</i>	Basement Bldg. B - Mudded Pipe Fitting	White Fibrous Homogeneous		40% Ca Carbonate 45% Non-fibrous (Other)	15% Chrysotile
12C <i>411904749-0016</i>	Basement Bldg. B - Mudded Pipe Fitting	White Fibrous Homogeneous	2% Glass	30% Ca Carbonate 53% Non-fibrous (Other)	15% Chrysotile
13A <i>411904749-0017</i>	Map Room-Bldg. B - 2'x4' Ceiling Tile	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (Other)	None Detected
13B <i>411904749-0018</i>	Map Room-Bldg. B - 2'x4' Ceiling Tile	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (Other)	None Detected
13C <i>411904749-0019</i>	Map Room-Bldg. B - 2'x4' Ceiling Tile	Brown/White Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (Other)	None Detected

Analyst(s)

Anupriya Tyagi (14)
Matthew McDonald (9)

Lee Plumley, 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. Pineville, NC NVLAP Lab Code 200841-0, VA 3333 00312

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