



EMSL Analytical, Inc.

165 Gracey Avenue Meriden, CT 06451
Tel/Fax: (203) 284-5948 / (203) 284-5978
<http://www.EMSL.com> / meridenlab@emsl.com

EMSL Order: 242403402
Customer ID: WHEE25
Customer PO:
Project ID:

Attention: Brad Wheeler
Wheeler Environmental Services
PO Box 13
Barre, VT 05641
Phone: (802) 439-9319
Fax: (802) 479-4600
Received Date: 07/05/2024 3:20 PM
Analysis Date: 07/09/2024
Collected Date: 07/03/2024
Project: E. MONTPELIER/ 1-0526-1

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-1 242403402-0001	PAPER	Gray/Variou Fibrous Homogeneous	30% Cellulose	10% Non-fibrous (Other)	60% Chrysotile
A-2 242403402-0002	CEMENT SEALANT	Red Non-Fibrous Homogeneous		65% Non-fibrous (Other)	35% Chrysotile
A-3 242403402-0003	SHEETROCK	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
A-4 242403402-0004	SHEETROCK	Gray Non-Fibrous Homogeneous	4% Cellulose	96% Non-fibrous (Other)	None Detected
A-5 242403402-0005	JOINT COMPOUND	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
A-6 242403402-0006	SHEETROCK	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
A-7 242403402-0007 <i>This is a composite result of both vinyl and backing layer</i>	LINOLEUM-TAN	Gray/Tan/White Non-Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
A-8-Floor Tile 242403402-0008	FLOOR TILE-TAN/ W/ 2 MASTIC	Tan Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-8-Mastic 1 242403402-0008A <i>Result includes a small amount of inseparable attached material</i>	FLOOR TILE-TAN/ W/ 2 MASTIC	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
A-8-Mastic 2 242403402-0008B	FLOOR TILE-TAN/ W/ 2 MASTIC	Tan/Clear Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
A-9-Floor Tile 242403402-0009	FLOOR TILE-BLUE/ W/ 2 MASTIC	Blue/Green Non-Fibrous Homogeneous		95% Non-fibrous (Other)	5% Chrysotile
A-9-Mastic 1 242403402-0009A	FLOOR TILE-BLUE/ W/ 2 MASTIC	Tan Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
A-9-Mastic 2 242403402-0009B	FLOOR TILE-BLUE/ W/ 2 MASTIC	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
A-10 242403402-0010	TRANSITE SIDING	Gray/White Non-Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
A-11 242403402-0011	WINDOW GLAZING	Brown/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 07/09/2024 13:09:57



EMSL Analytical, Inc.

165 Gracey Avenue Meriden, CT 06451
Tel/Fax: (203) 284-5948 / (203) 284-5978
<http://www.EMSL.com> / meridenlab@emsl.com

EMSL Order: 242403402
Customer ID: WHEE25
Customer PO:
Project ID:

Test Report: Asbestos Analysis of Bulk Materials via AHERA Method 40CFR 763 Subpart E Appendix E supplemented with EPA 600/R-93/116 using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
A-12 <i>242403402-0012</i>	CEILING TILE	Gray/White Fibrous Homogeneous	45% Cellulose 20% Min. Wool	5% Perlite 30% Non-fibrous (Other)	None Detected
A-13 <i>242403402-0013</i>	CEILING TILE	Gray/White Fibrous Homogeneous	45% Cellulose 20% Min. Wool	5% Perlite 30% Non-fibrous (Other)	None Detected
A-14 <i>242403402-0014</i>	PLASTER	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
A-15 <i>242403402-0015</i>	TAN LINOLEUM/ W/ YELLOW MASTIC	Brown/Tan Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
A-16-Linoleum <i>242403402-0016</i> <i>This is a composite result of both vinyl and backing layer</i>	LINOLEUM-TAN W/FLECKS/ BLACK MASTIC	Brown/Various Fibrous Homogeneous	45% Cellulose	55% Non-fibrous (Other)	None Detected
A-16-Mastic <i>242403402-0016A</i>	LINOLEUM-TAN W/FLECKS/ BLACK MASTIC	Tan/Black Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (Other)	None Detected
A-17-Floor Tile <i>242403402-0017</i> <i>This is a composite result of both vinyl and backing layer</i>	FLOOR TILE W/GREEN PAPER + BLACK MASTIC	Gray/Tan/White Fibrous Homogeneous	25% Cellulose	75% Non-fibrous (Other)	None Detected
A-17-Paper <i>242403402-0017A</i>	FLOOR TILE W/GREEN PAPER + BLACK MASTIC	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (Other)	None Detected
A-17-Mastic <i>242403402-0017B</i>	FLOOR TILE W/GREEN PAPER + BLACK MASTIC	Tan/Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
A-18 <i>242403402-0018</i>	SHEETROCK	Gray Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
A-19 <i>242403402-0019</i>	JOINT COMPOUND	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	<1% Chrysotile
A-20 <i>242403402-0020</i>	CEILING TILE- 1'X1'	Gray/White Fibrous Homogeneous	40% Cellulose 25% Min. Wool	5% Perlite 30% Non-fibrous (Other)	None Detected
A-21 <i>242403402-0021</i>	PLASTER	Gray Non-Fibrous Homogeneous	3% Cellulose	8% Quartz 89% Non-fibrous (Other)	None Detected
A-22 <i>242403402-0022</i>	TRANSITE SIDING	Gray/White Non-Fibrous Homogeneous		82% Non-fibrous (Other)	18% Chrysotile
A-23 <i>242403402-0023</i>	ASPHALT ROOF SHINGLE-BOTTOM LAYER-BLACK	Black Fibrous Homogeneous	40% Cellulose 10% Synthetic	50% Non-fibrous (Other)	None Detected
A-24 <i>242403402-0024</i>	ASPHALT ROOF SHINGLE-TOP LAYER-GREEN	Black/Green Fibrous Homogeneous	5% Cellulose 15% Glass	5% Quartz 75% Non-fibrous (Other)	None Detected

Initial report from: 07/09/2024 13:09:57



EMSL Analytical, Inc.

165 Gracey Avenue Meriden, CT 06451

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

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

EMSL Order: 242403402

Customer ID: WHEE25

Customer PO:

Project ID:

Analyst(s)

Hailey Rangel (14)

Leslie Tetrick (17)

Danny Sandhu, Asbestos Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. 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. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. 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 must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

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

Initial report from: 07/09/2024 13:09:57