



EMSL Analytical, Inc.

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EMSL Order: 432106510

Customer ID: SAND51

Customer PO:

Project ID:

Attention: Leon Wirschem

County of San Diego, DEH, OHP

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Received Date: 08/24/2021 3:02 PM

Analysis Date: 08/31/2021

Collected Date:

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
1 <i>432106510-0001</i>	PILE #1 - DW INSULATION N	Gray Fibrous Homogeneous	2% Cellulose 50% Min. Wool	48% Non-fibrous (Other)	None Detected
2-Drywall 1 <i>432106510-0002</i>	PILE #1 - DW INSULATION N	White Non-Fibrous Homogeneous	<1% Cellulose <1% Glass	100% Non-fibrous (Other)	None Detected
2-Drywall 2 <i>432106510-0002A</i>	PILE #1 - DW INSULATION N	Beige Non-Fibrous Homogeneous	<1% Cellulose <1% Glass	100% Non-fibrous (Other)	None Detected
2-Plaster <i>432106510-0002B</i>	PILE #1 - DW INSULATION N	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
3 <i>432106510-0003</i>	PILE #2 - CENTER - DW INSULATION	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
4 <i>432106510-0004</i>	PILE #2 - CENTER - INSULATION MATERIAL	Gray Fibrous Homogeneous	15% Cellulose 60% Min. Wool	5% Perlite 20% Non-fibrous (Other)	None Detected
5-Foam <i>432106510-0005</i> <i>Sample resembles roofing.</i>	PILE #2 - CENTER - BLACK MASTIC	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
5-Roofing <i>432106510-0005A</i>	PILE #2 - CENTER - BLACK MASTIC	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected
6 <i>432106510-0006</i>	PILE #3 - SOUTH - ROOFING MATERIAL	Black Fibrous Homogeneous	2% Cellulose 10% Glass	88% Non-fibrous (Other)	None Detected
7 <i>432106510-0007</i>	PILE #3 - SOUTH - WHITE CONSTRUCTION DEBRIS	White Non-Fibrous Homogeneous	2% Cellulose <1% Glass	98% Non-fibrous (Other)	None Detected
8 <i>432106510-0008</i>	PILE #3 - SOUTH - DW MATERIAL	White Non-Fibrous Homogeneous	<1% Glass	100% Non-fibrous (Other)	None Detected
9-Skim Coat <i>432106510-0009</i>	PILE #4 - WEST - GOLDEN FALCON - DW MATERIAL	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9-Plaster <i>432106510-0009A</i>	PILE #4 - WEST - GOLDEN FALCON - DW MATERIAL	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
9-Drywall <i>432106510-0009B</i>	PILE #4 - WEST - GOLDEN FALCON - DW MATERIAL	White Non-Fibrous Homogeneous	<1% Cellulose <1% Glass	100% Non-fibrous (Other)	None Detected

Initial report from: 08/31/2021 17:50:53



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Analyst(s)

Ashley Hill (8)

Riva Alger (6)

Mariah Curran, 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. San Diego, CA NVLAP Lab Code 200855-0, CA ELAP 2713, HI L-09-03

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