

May 19, 2022

The EI Group
2101 Gateway Centre Blvd., Ste. 200
Morrisville, NC 27560

CLIENT PROJECT: APP-10238, INSP-0012846; IHMO220083.00
CEI LAB CODE: A223994

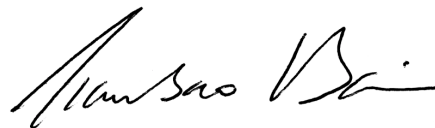
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 16, 2022. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,



Tianbao Bai, Ph.D., CIH
Laboratory Director

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

The EI Group

CLIENT PROJECT: APP-10238, INSP-0012846; IHMO220083.00

LAB CODE: A223994

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 05/19/22

TOTAL SAMPLES ANALYZED: 10

SAMPLES >1% ASBESTOS: 2



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-10238, INSP-0012846;
IHMO220083.00

LAB CODE: A223994

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A	Layer 1	A223994.01	Black,Gray	Shingle	None Detected
001A	Layer 2	A223994.01	Black	Shingle	None Detected
001B	Layer 1	A223994.02	Black,Gray	Shingle	None Detected
001B	Layer 2	A223994.02	Black	Shingle	None Detected
002A		A223994.03	White,Pink	Window Caulking	None Detected
002B		A223994.04	White,Pink	Window Caulking	None Detected
003A		A223994.05	Tan,Pink	Window Glazing	Chrysotile 2%
003B		A223994.06		Sample Not Analyzed per COC	
005A		A223994.07	White,Brown	Wallboard	None Detected
005B		A223994.08	White,Brown	Wallboard	None Detected
006A	Layer 1	A223994.09	White,Off-white	Texture	Chrysotile 2%
006A	Layer 2	A223994.09	White,Brown	Ceiling Panel	None Detected
006B		A223994.10		Sample Not Analyzed per COC	
007A		A223994.11	Gray	Sheet Vinyl	None Detected
007B		A223994.12	Gray	Sheet Vinyl	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: The EI Group
2101 Gateway Centre Blvd., Ste. 200
Morrisville, NC 27560

Lab Code: A223994
Date Received: 05-16-22
Date Analyzed: 05-19-22
Date Reported: 05-19-22

Project: APP-10238, INSP-0012846; IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A Layer 1 A223994.01	Shingle	Heterogeneous Black, Gray Fibrous Bound	45%	Fiberglass	50% 5%	Tar Gravel	None Detected
001A Layer 2 A223994.01	Shingle	Heterogeneous Black Fibrous Bound	45%	Fiberglass	50% 5%	Tar Gravel	None Detected
001B Layer 1 A223994.02	Shingle	Heterogeneous Black, Gray Fibrous Bound	45%	Fiberglass	50% 5%	Tar Gravel	None Detected
001B Layer 2 A223994.02	Shingle	Heterogeneous Black Fibrous Bound	45%	Fiberglass	50% 5%	Tar Gravel	None Detected
002A A223994.03	Window Caulking	Heterogeneous White, Pink Non-fibrous Bound			95% 5%	Caulk Paint	None Detected
002B A223994.04	Window Caulking	Heterogeneous White, Pink Non-fibrous Bound			95% 5%	Caulk Paint	None Detected
003A A223994.05	Window Glazing	Heterogeneous Tan, Pink Non-fibrous Bound			98% <1%	Binder Paint	2% Chrysotile
003B A223994.06	Sample Not Analyzed per COC						

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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
005A A223994.07	Wallboard	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	70% 5% 5%	Gypsum Binder Paint	None Detected
005B A223994.08	Wallboard	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	70% 5% 5%	Gypsum Binder Paint	None Detected
006A Layer 1 A223994.09	Texture	Heterogeneous White,Off-white Non-fibrous Bound			68% 25% 5%	Binder Perlite Paint	2% Chrysotile
006A Layer 2 A223994.09	Ceiling Panel	Heterogeneous White,Brown Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected
006B A223994.10	Sample Not Analyzed per COC						
007A A223994.11	Sheet Vinyl	Heterogeneous Gray Non-fibrous Bound			50% 50%	Vinyl Foam	None Detected
007B A223994.12	Sheet Vinyl	Heterogeneous Gray Non-fibrous Bound			50% 50%	Vinyl Foam	None Detected

LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
 Non-Trem = Non-Asbestiform Tremolite
 Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REPORTING LIMIT FOR POINT COUNTS: 0.25% by 400 Points or 0.1% by 1,000 Points

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

ANALYST:



Kathryn Wescott

APPROVED BY:



Tianbao Bai, Ph.D., CIH
 Laboratory Director

