

May 9, 2022

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

CLIENT PROJECT: APP-11060, INSP-0012848; IHMO220064.00
CEI LAB CODE: A222989

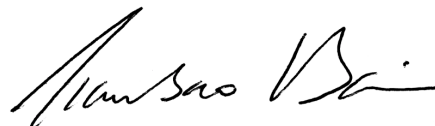
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 4, 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-11060, INSP-0012848; IHMO220064.00

LAB CODE: A222989

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

REPORT DATE: 05/09/22

TOTAL SAMPLES ANALYZED: 13

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-11060, INSP-0012848;
IHMO220064.00

LAB CODE: A222989

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A222989.01	Black	Roof Shingle	None Detected
001B		A222989.02	Black	Roof Shingle	None Detected
002A		A222989.03	Off-white	Window Caulking	Chrysotile 2%
002B		A222989.04		Sample Not Analyzed per COC	
003A		A222989.05	White	Ceiling Panel	None Detected
003B		A222989.06	White	Ceiling Panel	None Detected
004A		A222989.07	White	Sheet Vinyl	None Detected
004B		A222989.08	White	Sheet Vinyl	None Detected
005A		A222989.09A	Blue	Sheet Vinyl	None Detected
005A	Layer 1	A222989.09B	Yellow	Mastic	None Detected
005A	Layer 2	A222989.09B	Off-white	Backing Material	None Detected
005B		A222989.10A	Blue	Sheet Vinyl	None Detected
005B	Layer 1	A222989.10B	Yellow	Mastic	None Detected
005B	Layer 2	A222989.10B	Off-white	Backing Material	None Detected
006A		A222989.11A	White	Sheet Vinyl	None Detected
006A		A222989.11B	Yellow	Mastic	None Detected
006B		A222989.12A	White	Sheet Vinyl	None Detected
006B		A222989.12B	Yellow	Mastic	None Detected
007A		A222989.13	White,Tan	Siding Board	None Detected
007B		A222989.14	White,Tan	Siding Board	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A222989
Date Received: 05-04-22
Date Analyzed: 05-09-22
Date Reported: 05-09-22

Project: APP-11060, INSP-0012848; IHMO220064.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A222989.01	Roof Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar 10% Gravel	None Detected
001B A222989.02	Roof Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar 10% Gravel	None Detected
002A A222989.03	Window Caulking	Heterogeneous Off-white Non-fibrous Bound			93% 5%	Caulk Paint	2% Chrysotile
002B A222989.04	Sample Not Analyzed per COC						
003A A222989.05	Ceiling Panel	Heterogeneous White Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Silicates Paint	None Detected
003B A222989.06	Ceiling Panel	Heterogeneous White Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Silicates Paint	None Detected
004A A222989.07	Sheet Vinyl	Homogeneous White Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
004B A222989.08	Sheet Vinyl	Homogeneous White Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected

Lab Code: A222989
Date Received: 05-04-22
Date Analyzed: 05-09-22
Date Reported: 05-09-22

ASBESTOS BULK PLM, EPA 600 METHOD

Page 2 of 4

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

Lab Code: A222989
Date Received: 05-04-22
Date Analyzed: 05-09-22
Date Reported: 05-09-22

Project: APP-11060, INSP-0012848; IHMO220064.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
006A A222989.11B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
006B A222989.12A	Sheet Vinyl	Homogeneous White Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
006B A222989.12B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
007A A222989.13	Siding Board	Heterogeneous White,Tan Fibrous Bound	95%	Cellulose	5%	Paint	None Detected
007B A222989.14	Siding Board	Heterogeneous White,Tan Fibrous Bound	95%	Cellulose	5%	Paint	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.

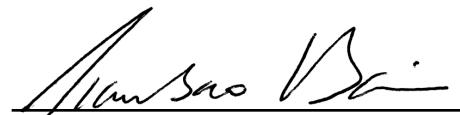
Information provided by customer includes customer sample ID and sample description.

ANALYST:



Madelyn Schmidt

APPROVED BY:



Tianbao Bai, Ph.D., CIH
Laboratory Director

