

May 16, 2022

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

CLIENT PROJECT: APP-10600, INSP-0012969, IHMO220083.00
CEI LAB CODE: A223635

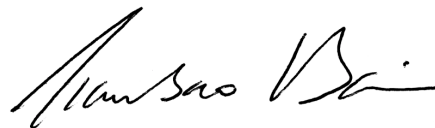
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 11, 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-10600, INSP-0012969, IHMO220083.00

LAB CODE: A223635

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

REPORT DATE: 05/16/22

TOTAL SAMPLES ANALYZED: 11

SAMPLES >1% ASBESTOS:



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-10600, INSP-0012969,
IHMO220083.00

LAB CODE: A223635

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A223635.01	Off-white	Textured Ceiling	None Detected
001B		A223635.02	Off-white	Textured Ceiling	None Detected
001C		A223635.03	Off-white	Textured Ceiling	None Detected
002A		A223635.04	Off-white	Joint Compound	None Detected
002B		A223635.05	Off-white	Joint Compound	None Detected
003A		A223635.06A	Off-white,Gray	Sheet Vinyl	None Detected
003A		A223635.06B	Tan	Mastic	None Detected
003B		A223635.07A	Off-white,Gray	Sheet Vinyl	None Detected
003B		A223635.07B	Tan	Mastic	None Detected
004A		A223635.08	Brown,Off-white	Sheet Vinyl	None Detected
004B		A223635.09	Brown,Off-white	Sheet Vinyl	None Detected
005A		A223635.10	Black,Gray	Roof Shingle	None Detected
005B		A223635.11	Black,Gray	Roof Shingle	None Detected

Lab Code: A223635
Date Received: 05-11-22
Date Analyzed: 05-13-22
Date Reported: 05-16-22

ASBESTOS BULK PLM, EPA 600 METHOD

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ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: The EI Group
2101 Gateway Centre Blvd., Ste. 200
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Lab Code: A223635
Date Received: 05-11-22
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Project: APP-10600, INSP-0012969, IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
003B A223635.07A	Sheet Vinyl	Heterogeneous	25%	Cellulose	50%	Vinyl	None Detected
		Off-white,Gray Fibrous Bound	10%	Fiberglass	15%	Binder	
003B A223635.07B	Mastic	Homogeneous	3%	Cellulose	97%	Mastic	None Detected
		Tan Fibrous Bound	<1%	Fiberglass			
004A A223635.08	Sheet Vinyl	Homogeneous	<1%	Cellulose	90%	Vinyl	None Detected
		Brown,Off-white Fibrous Bound	10%	Fiberglass			
004B A223635.09	Sheet Vinyl	Homogeneous	<1%	Cellulose	90%	Vinyl	None Detected
		Brown,Off-white Fibrous Bound	10%	Fiberglass			
005A A223635.10	Roof Shingle	Heterogeneous	<1%	Cellulose	25%	Tar	None Detected
		Black,Gray Fibrous Bound	25%	Fiberglass	40%	Gravel Silicates	
005B A223635.11	Roof Shingle	Heterogeneous	<1%	Cellulose	25%	Tar	None Detected
		Black,Gray Fibrous Bound	25%	Fiberglass	40%	Gravel Silicates	

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.*

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

ANALYST:



Scott Minyard

APPROVED BY:



Tianbao Bai, Ph.D., CIH
 Laboratory Director

