

May 10, 2022

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

**CLIENT PROJECT:** APP-00732, INSP-0012794; IHMO220083.00  
**CEI LAB CODE:** A223155

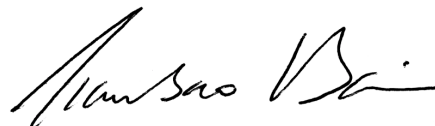
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 5, 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

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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

Prepared for

**The EI Group**

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CLIENT PROJECT: APP-00732, INSP-0012794; IHMO220083.00

LAB CODE: A223155

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

REPORT DATE: 05/10/22

TOTAL SAMPLES ANALYZED: 12

# SAMPLES >1% ASBESTOS: 1



CEI

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-00732, INSP-0012794;  
IHMO220083.00

LAB CODE: A223155

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A223155.01	Gray,Tan	Roofing, Composite Shingle	None Detected
001B		A223155.02	Gray,Tan	Roofing, Composite Shingle	None Detected
002A		A223155.03	White	Window Glaze	None Detected
002B		A223155.04	White	Window Glaze	None Detected
003A		A223155.05	Beige	Linoleum	None Detected
003B		A223155.06	Beige	Linoleum	None Detected
004A	Layer 1	A223155.07	White	Wall Plaster Skim Coat	None Detected
004A	Layer 2	A223155.07	Gray	Wall Plaster Base Coat	None Detected
004B	Layer 1	A223155.08	White	Wall Plaster Skim Coat	None Detected
004B	Layer 2	A223155.08	Gray	Wall Plaster Base Coat	None Detected
004C	Layer 1	A223155.09	White	Wall Plaster Skim Coat	None Detected
004C	Layer 2	A223155.09	Gray	Wall Plaster Base Coat	None Detected
004D	Layer 1	A223155.10	White	Wall Plaster Skim Coat	None Detected
004D	Layer 2	A223155.10	Gray	Wall Plaster Base Coat	None Detected
004E		A223155.11	Gray,Brown	Sheetrock	None Detected
005A		A223155.12	Gray,White	Transite	Chrysotile 15%
005B		A223155.13		Sample Not Analyzed per COC	

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

**Lab Code:** A223155  
**Date Received:** 05-05-22  
**Date Analyzed:** 05-09-22  
**Date Reported:** 05-10-22

**Project:** APP-00732, INSP-0012794; IHMO220083.00

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A223155.01	Roofing, Composite Shingle	Heterogeneous Gray,Tan Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
001B A223155.02	Roofing, Composite Shingle	Heterogeneous Gray,Tan Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
002A A223155.03	Window Glaze	Homogeneous White Non-fibrous Bound	2%	Talc	78% 20%	Binder Calc Carb	None Detected
002B A223155.04	Window Glaze	Homogeneous White Non-fibrous Bound	2%	Talc	78% 20%	Binder Calc Carb	None Detected
003A A223155.05	Linoleum	Heterogeneous Beige Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
003B A223155.06	Linoleum	Heterogeneous Beige Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
004A Layer 1 A223155.07	Wall Plaster Skim Coat	Heterogeneous White Non-fibrous Bound			78% 20% 2%	Binder Calc Carb Paint	None Detected

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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	
<b>004A</b> Layer 2 A223155.07	Wall Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% Silicates 25% Binder	None Detected
<b>004B</b> Layer 1 A223155.08	Wall Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		78% Binder 20% Calc Carb 2% Paint	None Detected
<b>004B</b> Layer 2 A223155.08	Wall Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% Silicates 25% Binder	None Detected
<b>004C</b> Layer 1 A223155.09	Wall Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		78% Binder 20% Calc Carb 2% Paint	None Detected
<b>004C</b> Layer 2 A223155.09	Wall Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% Silicates 25% Binder	None Detected
<b>004D</b> Layer 1 A223155.10	Wall Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		78% Binder 20% Calc Carb 2% Paint	None Detected
<b>004D</b> Layer 2 A223155.10	Wall Plaster Base Coat	Homogeneous Gray Non-fibrous Bound		75% Silicates 25% Binder	None Detected

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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		
004E A223155.11	Sheetrock	Heterogeneous Gray,Brown Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
Sample appears to be sheetrock. No plaster present.							
005A A223155.12	Transite	Homogeneous Gray,White Fibrous Bound			85%	Binder	15% Chrysotile
005B A223155.13	Sample Not Analyzed per COC						

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

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

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**REPORTING LIMIT:** <1% by visual estimation

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

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**REGULATORY LIMIT:** >1% by weight

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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:**

  
Ryan Steele

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

