

May 16, 2022

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

**CLIENT PROJECT:** APP-09855, INSP-0012958, IHMO220083.00  
**CEI LAB CODE:** A223636

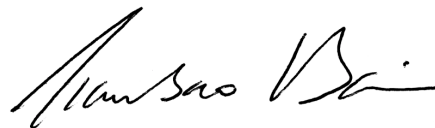
Dear Customer:

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

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## **ASBESTOS ANALYTICAL REPORT**

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

Prepared for

**The EI Group**

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CLIENT PROJECT: APP-09855, INSP-0012958, IHMO220083.00

LAB CODE: A223636

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

REPORT DATE: 05/16/22

TOTAL SAMPLES ANALYZED: 12

# SAMPLES >1% ASBESTOS:



CEI

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** APP-09855, INSP-0012958,  
IHMO220083.00

**LAB CODE:** A223636

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A223636.01	Beige	Floor, Sheet Vinyl Paper Backing	None Detected
001B		A223636.02	Beige	Floor, Sheet Vinyl Paper Backing	None Detected
002A		A223636.03	White	Textured Ceiling	None Detected
002B		A223636.04	White	Textured Ceiling	None Detected
002C		A223636.05	White	Textured Ceiling	None Detected
003A		A223636.06A	Gray,Brown	Floor, Sheet Vinyl Paper Backing	None Detected
003A		A223636.06B	Beige	Mastic	None Detected
003B		A223636.07A	Gray,Brown	Floor, Sheet Vinyl Paper Backing	None Detected
003B		A223636.07B	Beige	Mastic	None Detected
005A		A223636.08	White	Gypsum Wallboard	None Detected
005B		A223636.09	White	Gypsum Wallboard	None Detected
005C		A223636.10	White	Gypsum Wallboard	None Detected
006A		A223636.11	Gray,Black	Roofing, Composite Shingle	None Detected
006B		A223636.12	Gray,Black	Roofing, Composite Shingle	None Detected

# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

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

**Lab Code:** A223636  
**Date Received:** 05-11-22  
**Date Analyzed:** 05-16-22  
**Date Reported:** 05-16-22

**Project:** APP-09855, INSP-0012958, IHMO220083.00

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A223636.01	Floor, Sheet Vinyl Paper Backing	Homogeneous Beige Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
001B A223636.02	Floor, Sheet Vinyl Paper Backing	Homogeneous Beige Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
002A A223636.03	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
002B A223636.04	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
002C A223636.05	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
003A A223636.06A	Floor, Sheet Vinyl Paper Backing	Heterogeneous Gray,Brown Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
003A A223636.06B	Mastic	Homogeneous Beige Non-fibrous Bound			100%	Mastic	None Detected

# ASBESTOS BULK ANALYSIS

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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		
003B A223636.07A	Floor, Sheet Vinyl Paper Backing	Heterogeneous Gray,Brown Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
003B A223636.07B	Mastic	Homogeneous Beige Non-fibrous Bound			100%	Mastic	None Detected
005A A223636.08	Gypsum Wallboard	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
005B A223636.09	Gypsum Wallboard	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
005C A223636.10	Gypsum Wallboard	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
006A A223636.11	Roofing, Composite Shingle	Heterogeneous Gray,Black Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
006B A223636.12	Roofing, Composite Shingle	Heterogeneous Gray,Black Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected

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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.*

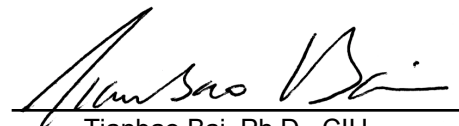
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation 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:**

  
Ryan Steele

**APPROVED BY:**

  
Tianbao Bai, Ph.D., CIH  
Laboratory Director

