

May 9, 2022

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

**CLIENT PROJECT:** APP-09714, INSP-0012868; IHMO220083.00  
**CEI LAB CODE:** A222995

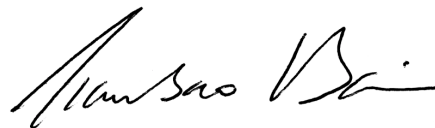
Dear Customer:

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

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## **ASBESTOS ANALYTICAL REPORT**

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

Prepared for  
**The EI Group**

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CLIENT PROJECT: APP-09714, INSP-0012868; IHMO220083.00

LAB CODE: A222995

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

REPORT DATE: 05/09/22

TOTAL SAMPLES ANALYZED: 4

# SAMPLES >1% ASBESTOS:

# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** APP-09714, INSP-0012868;  
IHMO220083.00

**LAB CODE:** A222995

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A222995.01	White	Joint Compound	None Detected
001B		A222995.02	White	Joint Compound	None Detected
002A		A222995.03	Tan	Roof Shingle	None Detected
002B		A222995.04	Tan	Roof 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:** A222995  
**Date Received:** 05-04-22  
**Date Analyzed:** 05-09-22  
**Date Reported:** 05-09-22

**Project:** APP-09714, INSP-0012868; IHMO220083.00

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A222995.01	Joint Compound	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
		Sample appears to be joint compound. No gypsum wallboard present.					
001B A222995.02	Joint Compound	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
		Sample appears to be joint compound. No gypsum wallboard present.					
002A A222995.03	Roof Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Tan			10%	Gravel	
		Fibrous					
		Bound					
002B A222995.04	Roof Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Tan			10%	Gravel	
		Fibrous					
		Bound					

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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.*

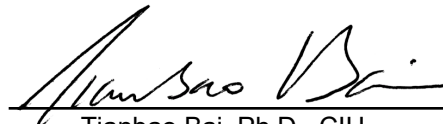
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation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

  
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Madelyn Schmidt

**APPROVED BY:**

  
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Tianbao Bai, Ph.D., CIH  
Laboratory Director

