

May 11, 2022

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

CLIENT PROJECT: APP-08840, INSP- 0012723; IHMO220083.00
CEI LAB CODE: A223371

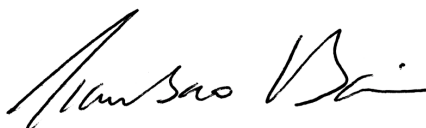
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 9, 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-08840, INSP- 0012723; IHMO220083.00

LAB CODE: A223371

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

REPORT DATE: 05/11/22

TOTAL SAMPLES ANALYZED: 17

SAMPLES >1% ASBESTOS: 3

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-08840, INSP- 0012723;
IHMO220083.00

LAB CODE: A223371

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A223371.01	White	Textured Ceiling	None Detected
001B		A223371.02	White	Textured Ceiling	None Detected
001C		A223371.03	White	Textured Ceiling	None Detected
001D		A223371.04	White	Textured Ceiling	None Detected
001E		A223371.05	White	Textured Ceiling	None Detected
002A		A223371.06	White, Tan	Wallboard/Joint Compound	None Detected
002B		A223371.07	White, Tan	Wallboard/Joint Compound	None Detected
003A		A223371.08A	Beige	Vinyl Flooring	Chrysotile 20%
003A		A223371.08B	Yellow	Mastic	Chrysotile 2%
003A		A223371.09		Sample Not Analyzed per COC	
004A		A223371.10	Beige, Green	Vinyl Flooring	Chrysotile 20%
004B		A223371.11		Sample Not Analyzed per COC	
005A		A223371.12A	Tan	Sheet Vinyl	None Detected
005A		A223371.12B	Yellow	Mastic	None Detected
005B		A223371.13A	Tan	Sheet Vinyl	None Detected
005B		A223371.13B	Yellow	Mastic	None Detected
006A		A223371.14	Beige	Vinyl Flooring	None Detected
006B		A223371.15	Beige	Vinyl Flooring	None Detected
007A		A223371.16	Off-white	Window Glazing	None Detected
007B		A223371.17	Off-white	Window Glazing	None Detected
008A		A223371.18	Black	Shingle	None Detected
008B		A223371.19	Black	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: A223371
Date Received: 05-09-22
Date Analyzed: 05-11-22
Date Reported: 05-11-22

Project: APP-08840, INSP- 0012723; IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A223371.01	Textured Ceiling	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
001B A223371.02	Textured Ceiling	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
001C A223371.03	Textured Ceiling	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
001D A223371.04	Textured Ceiling	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
001E A223371.05	Textured Ceiling	Heterogeneous			65%	Binder	None Detected
		White			30%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
002A A223371.06	Wallboard/Joint Compound	Heterogeneous	20%	Cellulose	75%	Gypsum	None Detected
		White,Tan			5%	Calc Carb	
		Fibrous			<1%	Paint	
		Bound					
002B A223371.07	Wallboard/Joint Compound	Heterogeneous	20%	Cellulose	75%	Gypsum	None Detected
		White,Tan			5%	Calc Carb	
		Fibrous			<1%	Paint	
		Bound					

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ASBESTOS BULK PLM, EPA 600 METHOD

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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		
005B A223371.13B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
006A A223371.14	Vinyl Flooring	Heterogeneous Beige Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
006B A223371.15	Vinyl Flooring	Heterogeneous Beige Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
007A A223371.16	Window Glazing	Heterogeneous Off-white Non-fibrous Bound			100% <1%	Binder Paint	None Detected
007B A223371.17	Window Glazing	Heterogeneous Off-white Non-fibrous Bound			100% <1%	Binder Paint	None Detected
008A A223371.18	Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	None Detected
008B A223371.19	Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40% 10%	Tar Gravel	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.*

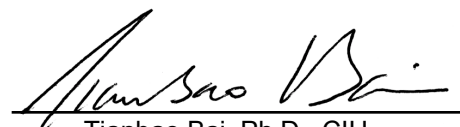
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Information provided by customer includes customer sample ID and sample description.

ANALYST:


 Zane Heinz

APPROVED BY:


 Tianbao Bai, Ph.D., CIH
 Laboratory Director

