

May 16, 2022

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

CLIENT PROJECT: APP-09515, INSP-0012831, IHMO220083.00
CEI LAB CODE: A223637

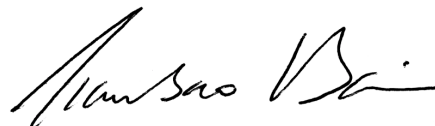
Dear Customer:

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-09515, INSP-0012831, IHMO220083.00

LAB CODE: A223637

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

REPORT DATE:

TOTAL SAMPLES ANALYZED: 11

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-09515, INSP-0012831,
IHMO220083.00

LAB CODE: A223637

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A223637.01	White	Window Glaze	None Detected
001B		A223637.02	White	Window Glaze	None Detected
002A		A223637.03	Brown,Black	Roofing, Composite Shingle	None Detected
002B		A223637.04	Brown,Black	Roofing, Composite Shingle	None Detected
003A		A223637.05	White	Gypsum Wallboard/joint Compound Ceiling Panel	None Detected
003B		A223637.06	White	Gypsum Wallboard/joint Compound Ceiling Panel	None Detected
004A		A223637.07	White	Gypsum Wallboard/joint Compound	None Detected
004B		A223637.08	White	Gypsum Wallboard/joint Compound	None Detected
005A		A223637.09	White	Caulk, Window	None Detected
005B		A223637.10	White	Caulk, Window	None Detected
006A		A223637.11	Black	Transite	Chrysotile 5%
006B		A223637.12		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: A223637
Date Received: 05-11-22
Date Analyzed: 05-16-22
Date Reported:

Project: APP-09515, INSP-0012831, IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A223637.01	Window Glaze	Homogeneous			80%	Binder	None Detected
		White			20%	Calc Carb	
		Non-fibrous					
		Bound					
001B A223637.02	Window Glaze	Homogeneous			80%	Binder	None Detected
		White			20%	Calc Carb	
		Non-fibrous					
		Bound					
002A A223637.03	Roofing, Composite Shingle	Heterogeneous	30%	Fiberglass	60%	Tar	None Detected
		Brown,Black			10%	Gravel	
		Fibrous					
		Bound					
002B A223637.04	Roofing, Composite Shingle	Heterogeneous	30%	Fiberglass	60%	Tar	None Detected
		Brown,Black			10%	Gravel	
		Fibrous					
		Bound					
003A A223637.05	Gypsum Wallboard/joint Compound Ceiling Panel	Heterogeneous	15%	Cellulose	73%	Gypsum	None Detected
		White			10%	Calc Carb	
		Fibrous			2%	Paint	
		Bound					
003B A223637.06	Gypsum Wallboard/joint Compound Ceiling Panel	Heterogeneous	15%	Cellulose	73%	Gypsum	None Detected
		White			10%	Calc Carb	
		Fibrous			2%	Paint	
		Bound					
004A A223637.07	Gypsum Wallboard/joint Compound	Heterogeneous	15%	Cellulose	75%	Gypsum	None Detected
		White			10%	Calc Carb	
		Fibrous					
		Bound					

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		
004B A223637.08	Gypsum Wallboard/joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	75% 10%	Gypsum Calc Carb	None Detected
005A A223637.09	Caulk, Window	Heterogeneous White Non-fibrous Bound			100%	Caulk	None Detected
005B A223637.10	Caulk, Window	Heterogeneous White Non-fibrous Bound			100%	Caulk	None Detected
006A A223637.11	Transite	Heterogeneous Black Fibrous Bound	40%	Cellulose	55%	Tar	5% Chrysotile
006B A223637.12	Sample Not Analyzed per COC						

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.*

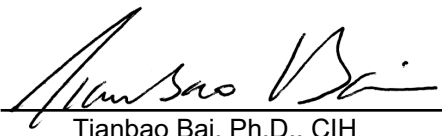
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Information provided by customer includes customer sample ID and sample description.

ANALYST:


Ryan Steele

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director

