

May 19, 2022

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

CLIENT PROJECT: APP-09412, INSP-0012938; IHMO220083.00
CEI LAB CODE: A224001

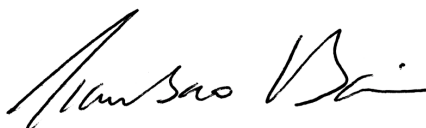
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on May 16, 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-09412, INSP-0012938; IHMO220083.00

LAB CODE: A224001

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

REPORT DATE: 05/19/22

TOTAL SAMPLES ANALYZED: 10

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-09412, INSP-0012938;
IHMO220083.00

LAB CODE: A224001

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A224001.01	Black	Roof Shingle	None Detected
001B		A224001.02	Black	Roof Shingle	None Detected
002A		A224001.03	White	Textured Ceiling	None Detected
002B		A224001.04	White	Textured Ceiling	None Detected
002C		A224001.05	White	Textured Ceiling	None Detected
003A		A224001.06A	Gray	Sheet Vinyl	None Detected
003A		A224001.06B	Clear	Mastic	None Detected
003B		A224001.07A	Gray	Sheet Vinyl	None Detected
003B		A224001.07B	Clear	Mastic	None Detected
004A		A224001.08A	Brown	Sheet Vinyl	None Detected
004A		A224001.08B	Green	Mastic	None Detected
004B		A224001.09A	Brown	Sheet Vinyl	None Detected
004B		A224001.09B	Green	Mastic	None Detected
005A		A224001.10	Off-white,White	Joint Compound	Chrysotile 2%
005b		A224001.11		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: A224001
Date Received: 05-16-22
Date Analyzed: 05-19-22
Date Reported: 05-19-22

Project: APP-09412, INSP-0012938; IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A224001.01	Roof Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar 10% Gravel	None Detected
001B A224001.02	Roof Shingle	Heterogeneous Black Fibrous Bound	50%	Fiberglass	40%	Tar 10% Gravel	None Detected
002A A224001.03	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Perlite Paint	None Detected
002B A224001.04	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Perlite Paint	None Detected
002C A224001.05	Textured Ceiling	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Perlite Paint	None Detected
003A A224001.06A	Sheet Vinyl	Heterogeneous Gray Non-fibrous Bound			100%	Vinyl	None Detected
003A A224001.06B	Mastic	Homogeneous Clear 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 A224001.07A	Sheet Vinyl	Heterogeneous Gray Non-fibrous Bound		100% Vinyl	None Detected
003B A224001.07B	Mastic	Homogeneous Clear Non-fibrous Bound		100% Mastic	None Detected
004A A224001.08A	Sheet Vinyl	Heterogeneous Brown Non-fibrous Bound		50% Vinyl 50% Foam	None Detected
004A A224001.08B	Mastic	Homogeneous Green Non-fibrous Bound		100% Mastic	None Detected
004B A224001.09A	Sheet Vinyl	Heterogeneous Brown Non-fibrous Bound		50% Vinyl 50% Foam	None Detected
004B A224001.09B	Mastic	Homogeneous Green Non-fibrous Bound		100% Mastic	None Detected
005A A224001.10	Joint Compound	Heterogeneous Off-white, White Non-fibrous Bound		60% Binder 33% Calc Carb 5% Paint	2% Chrysotile
No wallboard present, sample appears to be joint compound.					
005b A224001.11	Sample Not Analyzed per COC				

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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	

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.*

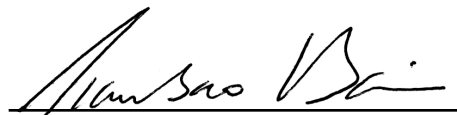
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Information provided by customer includes customer sample ID and sample description.

ANALYST:


Regan Kerns

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director



Scott Minyard

