

May 9, 2022

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

CLIENT PROJECT: APP-09495, INSP-0012810; IHMO220083.00
CEI LAB CODE: A222996

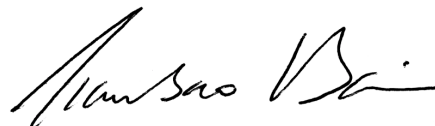
Dear Customer:

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

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for
The EI Group

CLIENT PROJECT: APP-09495, INSP-0012810; IHMO220083.00

LAB CODE: A222996

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

REPORT DATE: 05/09/22

TOTAL SAMPLES ANALYZED: 21

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: APP-09495, INSP-0012810;
IHMO220083.00

LAB CODE: A222996

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
001A		A222996.01	White,Gray	Textured Ceiling	None Detected
001B		A222996.02	White,Gray	Textured Ceiling	None Detected
002A		A222996.03	Brown	Sheet Vinyl	None Detected
002B		A222996.04	Brown	Sheet Vinyl	None Detected
003A		A222996.05	Gray,Black	Sheet Vinyl	None Detected
003B		A222996.06	Gray,Black	Sheet Vinyl	None Detected
004A		A222996.07	Beige	Sheet Vinyl	None Detected
004B		A222996.08	Beige	Sheet Vinyl	None Detected
005A		A222996.09A	Beige	Sheet Vinyl	None Detected
005A		A222996.09B	Yellow	Mastic	None Detected
005A		A222996.09C	Off-white	Sheet Vinyl	None Detected
005B		A222996.10A	Beige	Sheet Vinyl	None Detected
005B		A222996.10B	Yellow	Mastic	None Detected
005B		A222996.10C	Off-white	Sheet Vinyl	None Detected
006A		A222996.11	Tan	Sheet Vinyl	None Detected
006B		A222996.12	Tan	Sheet Vinyl	None Detected
008A		A222996.13	White,Gray	Gypsum Board/Joint Compound	None Detected
008B		A222996.14	White,Gray	Gypsum Board/Joint Compound	None Detected
009A		A222996.15	White	Window Caulking	Chrysotile 10%
009B		A222996.16		Sample Not Analyzed per COC	
010A		A222996.17	Brown, Patterned	Sheet Vinyl	None Detected
010B		A222996.18	Brown, Patterned	Sheet Vinyl	None Detected
011A		A222996.19	Tan,Patterned	Sheet Vinyl	None Detected
011B		A222996.20	Tan,Patterned	Sheet Vinyl	None Detected
012A		A222996.21	Tan	Roof Shingle	None Detected
012B		A222996.22	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: A222996
Date Received: 05-04-22
Date Analyzed: 05-09-22
Date Reported: 05-09-22

Project: APP-09495, INSP-0012810; IHMO220083.00

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
001A A222996.01	Textured Ceiling	Heterogeneous	10%	Fiberglass	55%	Silicates	None Detected
		White,Gray			30%	Binder	
		Fibrous			5%	Paint	
		Bound					
001B A222996.02	Textured Ceiling	Heterogeneous	10%	Fiberglass	55%	Silicates	None Detected
		White,Gray			30%	Binder	
		Fibrous			5%	Paint	
		Bound					
002A A222996.03	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Brown	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
002B A222996.04	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Brown	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
003A A222996.05	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Gray,Black	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
003B A222996.06	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Gray,Black	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
004A A222996.07	Sheet Vinyl	Homogeneous	35%	Synthetic Fiber	50%	Vinyl	None Detected
		Beige	15%	Cellulose			
		Fibrous					
		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		
006A A222996.11	Sheet Vinyl	Homogeneous Tan Fibrous Bound	5%	Fiberglass	50% 45%	Vinyl Foam	None Detected
006B A222996.12	Sheet Vinyl	Homogeneous Tan Fibrous Bound	5%	Fiberglass	50% 45%	Vinyl Foam	None Detected
008A A222996.13	Gypsum Board/Joint Compound	Heterogeneous White,Gray Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
008B A222996.14	Gypsum Board/Joint Compound	Heterogeneous White,Gray Fibrous Bound	20%	Cellulose	75% 5% <1%	Gypsum Calc Carb Paint	None Detected
009A A222996.15	Window Caulking	Heterogeneous White Non-fibrous Bound			88% 2%	Binder Paint	10% Chrysotile
009B A222996.16	Sample Not Analyzed per COC						
010A A222996.17	Sheet Vinyl	Homogeneous Brown,Patterned Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected
010B A222996.18	Sheet Vinyl	Homogeneous Brown,Patterned Fibrous Bound	20% 10%	Cellulose Fiberglass	50% 20%	Vinyl Binder	None Detected

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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		
011A A222996.19	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Tan,Patterned	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
011B A222996.20	Sheet Vinyl	Homogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Tan,Patterned	10%	Fiberglass	20%	Binder	
		Fibrous					
		Bound					
012A A222996.21	Roof Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Tan			10%	Gravel	
		Fibrous					
		Bound					
012B A222996.22	Roof Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Tan			10%	Gravel	
		Fibrous					
		Bound					

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.*

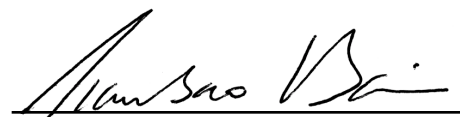
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Information provided by customer includes customer sample ID and sample description.

ANALYST:


Madelyn Schmidt

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director

