

February 15, 2022

City of Wilson, Inspections Department
P.O. Box 10
Wilson, NC 27894-0010

CLIENT PROJECT: 403 Academy
CEI LAB CODE: B222961

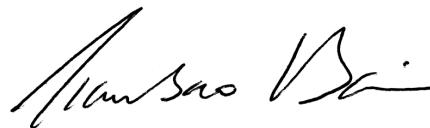
Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 8, 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



CEI

ASBESTOS ANALYTICAL REPORT

By: Polarized Light Microscopy

Prepared for

City of Wilson, Inspections Department

CLIENT PROJECT: 403 Academy

LAB CODE: B222961

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

REPORT DATE: 02/15/22

TOTAL SAMPLES ANALYZED: 12

SAMPLES >1% ASBESTOS: 1



CEI

Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: 403 Academy

LAB CODE: B222961

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

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		B222961.01	Off-white	Window Glazing	None Detected
2		B222961.02	Tan	Entry Wall	None Detected
3		B222961.03	Tan	Bedroom Ceiling	None Detected
4		B222961.04	White,Tan	Den Ceiling	None Detected
5		B222961.05	Tan	Ceiling Plaster	None Detected
6		B222961.06	Gray	Wall Plaster	None Detected
7		B222961.07	Tan	Floor Tile	None Detected
8		B222961.08A	Tan	Floor Tile	Chrysotile 20%
		B222961.08B	Gray	Floor Tile	None Detected
		B222961.08C	Black	Mastic	None Detected
9		B222961.09	Tan	Dining Room Ceiling	None Detected
10		B222961.10	Black	Shingle	None Detected
11		B222961.11	Black	Roof Paper	None Detected
12		B222961.12	White,Tan	Drywall	None Detected

ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: City of Wilson, Inspections Department
 P.O. Box 10
 Wilson, NC 27894-0010

Lab Code: B222961
Date Received: 02-08-22
Date Analyzed: 02-15-22
Date Reported: 02-15-22

Project: 403 Academy

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %	
			Fibrous		Non-Fibrous		
1 B222961.01	Window Glazing	Heterogeneous	95%	Binder	None Detected		
		Off-white	5%	Paint			
		Non-fibrous					
		Bound					
2 B222961.02	Entry Wall	Heterogeneous	65%	Silicates	None Detected		
		Tan	30%	Binder			
		Non-fibrous	5%	Paint			
		Bound					
3 B222961.03	Bedroom Ceiling	Heterogeneous	65%	Silicates	None Detected		
		Tan	35%	Binder			
		Non-fibrous					
		Bound					
4 B222961.04	Den Ceiling	Heterogeneous	20%	Cellulose	80%	Gypsum	None Detected
		White, Tan					
		Fibrous					
		Bound					
5 B222961.05	Ceiling Plaster	Homogeneous	65%	Silicates	None Detected		
		Tan	35%	Binder			
		Non-fibrous					
		Bound					
6 B222961.06	Wall Plaster	Homogeneous	65%	Silicates	None Detected		
		Gray	35%	Binder			
		Non-fibrous					
		Bound					
7 B222961.07	Floor Tile	Heterogeneous	20%	Cellulose	50%	Vinyl	None Detected
		Tan	10%	Fiberglass	20%	Binder	
		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		
8 B222961.08A	Floor Tile	Heterogeneous	5%	Cellulose	50%	Vinyl	20% Chrysotile
		Tan Fibrous Bound			25%	Binder	
B222961.08B	Floor Tile	Homogeneous Gray Non-fibrous Bound			100%	Vinyl	None Detected
B222961.08C	Mastic	Homogeneous Black Non-fibrous Bound			100%	Mastic	None Detected
9 B222961.09	Dining Room Ceiling	Homogeneous			65%	Silicates	None Detected
		Tan Non-fibrous Bound			35%	Binder	
10 B222961.10	Shingle	Heterogeneous	50%	Fiberglass	40%	Tar	None Detected
		Black Fibrous Bound			10%	Gravel	
11 B222961.11	Roof Paper	Homogeneous Black Fibrous Bound	70%	Cellulose	30%	Tar	None Detected
12 B222961.12	Drywall	Heterogeneous White, Tan Fibrous Bound	20%	Cellulose	80%	Gypsum	None Detected

No plaster present. Sample appears to be drywall.

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.*

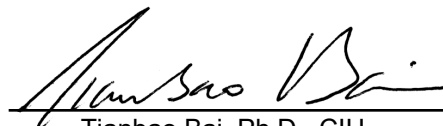
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation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


Zane Heinz

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director



Scott Minyard