

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Bernard Orlan
N.Y.C. Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101

Received: 2/9/02 5:15:00 PM

ATC Group #: 6619

Analysis Date: 2/10/02

Fax: (212) 475-4122 Phone: (212) 477-8941

Project: NYC-BOE PS 234M Project#: 14584-1823
292 Greenwich St., New York, NY

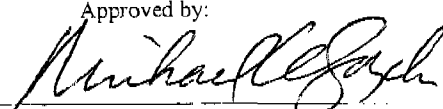
**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5	5µ		(S/mm²)	(S/cc)	
01 6619 -1	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
02 6619 -2	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
03 6619 -3	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
04 6619 -4	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
05 6619 -5	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
06 6619 -6	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
07 6619 -7	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
08 6619 -8	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

ROMAN PEYSAKHOV

Analyzed by: 

MICHAEL A. GORYCKI, Ph.D.

Approved by: 

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

CITY_21MC100_003083943

Attn: Mr. Bernard Orlan
N.Y.C. Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101

Received: 2/9/02 5:15:00 PM

ATC Group #: 6619

Analysis Date: 2/10/02

Fax: (212) 475-4122 Phone: (212) 477-8941

Project: NYC-BOE PS 234M Project#: 14584-1823
292 Greenwich St., New York, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5 μ -5	5 μ		(S/mm ²)	(S/cc)	
09 6619 -9	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
10 6619 -10	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
11 6619 -11	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
12 6619 -12	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
13 6619 -13	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
14 6619 -14	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
15 6619 -15	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

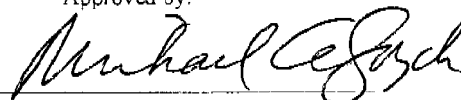
ROMAN PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

Approved by:



Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

CITY_21MC100_003083944

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1920
Lab Group #:	6619	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	5	Grid Opening Size:	0.01124
Client Sample #:	05	Area Examined:	0.04496 mm ²
GRID BOX:	<u>SAIB</u>	Magnification:	20,000
GRID ID:	<u>SAIB</u>	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	2/10/02

Analysis Performed By: *RP*
ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
<i>5A</i>	<i>1 P2</i>	<i>NSD</i>											
	<i>2 J2</i>	<i>4</i>											
	<i>3 P2</i>	<i>11</i>											
	<i>4 J2</i>	<i>11</i>											
<i>1B</i>													

Struct = > 0.5 μ > 5:1 Aspect Ratio

√ = Positive diffraction pattern properties conforming to laboratory identification criteria observed

√ = EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber
B = Bundle (<3 fibers <1 fiber diameter apart)
C = Cluster (>3 Intersections)
M = Matrix
NSD = No Structures Detected

Grid acceptance:
<50% undissolved filter, overlapped or folded
<10% particulate coverage >50% coverage ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals					
	F	B	C	M	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

