

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1840
Lab Group #:	7890	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	4	Grid Opening Size:	0.01124
Client Sample #:	04	Area Examined:	0.04496 mm ²
GRID BOX:	1175	Magnification:	20,000
GRID ID:	7E2	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/28/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
		F	B	C	M	>=0.5µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
TE	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
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	36											
	37											
	38											
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	40											
	41											
	42											
	43											
	44											
	45											
	46											
	47											
	48											
	49											
	50											

Struct = > 0.5µ > 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 at least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

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

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Struct => 0.5μ > 5:1 Aspect Ratio

NSD = No Structures Detected

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

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

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Struct $\Rightarrow 0.5\mu > 5:1$ Aspect Ratio

NSD = No Structures Detected

<50% undissolved filter, overlapped or folded.
<10% particulate coverage >50% coverage at
least 20 unfolded or overlapped grid squares <5%
holes or opaque areas

Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

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

Analysis Performed By:

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1805
Lab Group #:	7890	Filter Type:	MCE
Lab Sample #:	16	Filter Area:	385 mm ²
Client Sample #:	16	Grid Opening Size:	0.01124
GRID BOX:	1175	Area Examined:	0.04496 mm ²
GRID ID:	ZMO	Magnification:	20,000
# Grid openings:	4	Accelerating Voltage:	100 KeV
		Analysis Date:	5/28/02

Analysis Performed By: RP

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GO.	Structure No	Structure Type				Length		Chrys.	Amphib.	Structure N or ✓		EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5μ	>=5μ			Nonasb	Ambig/ND	
ZM	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
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Struct = > 5:1 Aspect Ratio

✓ = Positive extraction pattern properties conforming to laboratory identification criteria observed

✓ = EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber

B = Bundle of fibers <1 fiber diameter apart

C = Cluster of intersections

M = Matrix

NSD = No Structures Detected

Grid acceptance:

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

AMPHIBOLES

Amosite
 Crocidolite
 Anthophyllite
 Tremolite
 Actinolite

Totals

	F	B	C	M	>5μ
Chrysotile					
Amphibole					
Amphibious					
Non-asbestos					
Non-identified					