NYC 9/11 Public Portal Document

# TEM Asbestos (air) Count Sheet

| | | | |
|---|---|---|---|
| **Client Name:** | NYC BOE | **Volume (liters):** | 1952 |
| **Lab Group #:** | 5891 | **Filter Type / Filter Area:** | MCE 385 mm² |
| **Lab Sample #:** | 16 | **Grid Opening Size:** | 0.01124 |
| **Client Sample #:** | 16 - | **Area Examined:** | 0.04496 mm² |
| **GRID BOX:** | 536 | **Magnification:** | 20,000 |
| **GRID ID:** | 2mD | **Accelerating Voltage:** | 100 KeV |
| **# Grid Openings:** | 4 | **Analysis Date:** | 11/15/01 |

**Analysis Performed By:** RP
ROMAN PEYSAKHOV

| GO. | | Structure No | Structure Type | | | | Length | | ID of Structure √ or √ | | | | EDS (Nonadb Elements) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No | Coord | | F | B | C | M | >=05 µ <5µ | >=5µ | Chrys | Amphibole | Nonasb | Ambig/ND | |
| 1 | P2 | NSD | | | | | | | | | | | |
| 2 | I2 | " | | | | | | | | | | | |
| 3 | X2 | " | | | | | | | | | | | |
| 4 | P6 | " | | | | | | | | | | | |

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 ate 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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