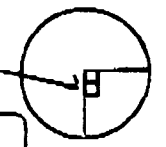
NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

sample area analyzed



Client Name: R.K.M. Inc.
Job #: 201111306
Lab Sample #: 03
Client Sample #: 110201TD03
Received: 11/03/2001 12:45:00
Date Analyzed: 11/05/2001
Scope #:

Volume (liters): 1 500.0
Filter Type / Filter Area: MCE 385 mm2
Grid Opening Size: 0.01000
Area Examined: 0.06000 mm2
Magnification: 20,000
Accelerating Voltage: 100 KeV

Analysis Performed by: Mikhail Gruzman

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient	SAED	Photo
A3-B4/1	1	NSD								
A3-C4/1	2	NSD								
A3-E4/1	3	NSD								
A3-F4/1	4	NSD								
A4-E4/1	5	NSD								
A4-F4/1	6	NSD								

NSD: No Asbestos Structures Detected

Comments

		Structure Density (str/mm2)	Concentration (str/cc air)
Total Grid Openings:	6		
Chrysotile Asbestos Structures:	0	<16.7	<0.0043
Amphibole Asbestos Structures:	0	<16.7	<0.0043
Asbestos Structures >=5 microns:	0	<16.7	<0.0043
Total Non-Asbestos Structures:			
Total Asbestos Structures:	0	<16.7	<0.0043
Analytical Sensitivity:		16.7	0.0043

Grid Evaluation

- ☒ Grid Openings Covered > 50%
- ☒ Intact Grid Opening > 50%
- ☒ Undissolved Filter < 10%
- ☒ Folded Replica < 50%
- ☒ Filter Loading < 10%
- ☒ Particulate Even

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