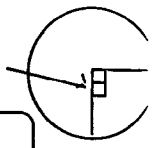
NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet



Client Name:	GCI Environmental Advisory, Inc.		
Job #:	201092892	Volume (liters):	1 005.0
Lab Sample #:	02	Filter Type / Filter Area:	MCE 385 mm2
Client Sample #:	22-9/23-54	Grid Opening Size:	0.01000
Received:	09/24/2001 17:46:01	Area Examined:	0.08000 mm2
Date Analyzed:	09/24/2001	Magnification:	20,000
Scope #:	7	Accelerating Voltage:	100 KeV

Analysis Performed by: Brian Keith

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient	SAED	Photo
E3-C4/4	1	NSD								
E3-E4/4	2	NSD								
E3-F4/4	3	NSD								
E3-G4/4	4	NSD								
E4-C4/4	5	NSD								
E4-E4/4	6	NSD								
E4-F4/4	7	NSD								
E4-E4/4	8	NSD								

NSD: No Asbestos Structures Detected

Comments

		Structure Density (str/mm2)	Concentration (str/cc air)
Total Grid Openings:	8		
Chrysotile Asbestos Structures:	0	<12.5	<0.0048
Amphibole Asbestos Structures:	0	<12.5	<0.0048
Asbestos Structures >=5 microns:	0	<12.5	<0.0048
Total Non-Asbestos Structures:			
Total Asbestos Structures:	0	<12.5	<0.0048
Analytical Sensitivity:		12.5	0.0048

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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