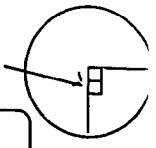
NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet



Client Name: GCI Environmental Advisory, Inc.
Job #: 201092892
Lab Sample #: 03
Client Sample #: 22-9/23-57
Received: 09/24/2001 17:46:01
Date Analyzed: 09/24/2001
Scope #: 7

Volume (liters): 945.0
Filter Type / Filter Area: MCE 385 mm2
Grid Opening Size: 0.01000
Area Examined: 0.09000 mm2
Magnification: 20,000
Accelerating Voltage: 100 KeV

Analysis Performed by: Brian Keith

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
E5-C4/3	1	1	1.3	0.1	Chrysotile	Matrix	Mg, Si, Fe	/	☒	
E5-E4/3	2	NSD							☐	
E5-F4/3	3	NSD							☐	
E5-G4/3	4	NSD							☐	
E5-H4/3	5	NSD							☐	
A6-C4/4	6	NSD							☐	
A6-E4/4	7	NSD							☐	
A6-F4/4	8	NSD							☐	
A6-G4/4	9	NSD							☐	

NSD: No Asbestos Structures Detected

Comments

		Structure Density (str/mm2)	Concentration (str/cc air)
Total Grid Openings:	9		
Chrysotile Asbestos Structures:	1	11.1	0.0045
Amphibole Asbestos Structures:	0	<11.1	<0.0045
Asbestos Structures >=5 microns:	0	<11.1	<0.0045
Total Non-Asbestos Structures:			
Total Asbestos Structures:	1	11.1	0.0045
Analytical Sensitivity:		11 1	0.0045

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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