NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

sample area analyzed



Client Name	GCI Environmental Advisory, Inc.		
Job #:	201092023	Volume (liters):	1 440.0
Lab Sample #:	14	Filter Type / Filter Area:	MCE 385 mm2
Client Sample #:	140-916- 14	Grid Opening Size	0.01000
Received:	09/17/2001 02:10:00	Area Examined	0.06000 mm2
Date Analyzed:	09/17/2001	Magnification	20,000
Scope #:		Accelerating Voltage	100 KeV

Analysis Performed by: Aleksandr Barengolts

Location	Grid Opening	Fiber	Length µM	Width µM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
C5-4/6F	1	NSD							☐	
C5-4/6G	2	NSD							☐	
C5-4/6H	3	NSD							☐	
C5-4/6K	4	NSD							☐	
D1-5/4C	5	NSD							☐	
D1-5/4E	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	<0.0045
Amphibole Asbestos Structures	0	<16.7	<0.0045
Asbestos Structures >=5 microns	0	<16.7	<0.0045
Total Non-Asbestos Structures:			
Total Asbestos Structures:	0	<16.7	<0.0045
Analytical Sensitivity:		16.7	

Grid Evaluation

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