

TEM Asbestos (air) Count Sheet

sample area
analyzed



Client Name: HP ENVIRONMENTAL, INC.

Job #: 101101001

Volume (liters): 500.0

Lab Sample #: 03

Filter Type / Filter Area: MCE 385 mm2

Client Sample #: ET-TRL-0929-A2

Grid Opening Size: 0.01003

Received: 10/01/2001

02:00:17

Area Examined: 0.10030 mm2

Date Analyzed: 10/01/2001

Magnification: 20,000

Scope #: 4

Accelerating Voltage: 100 KeV

Analysis Performed by: 10/01/2001 W.H.
Whitney Hill

Location	Grid Opening	Fiber	Length μ M	Width μ M	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
B7-C4/1	1	1	1.0	.06	Chrysotile	Matrix	Mg, Si, Fe		☒	
B7-E4/1	2	NSD							☐	
B7-F4/1	3	NSD							☐	
B7-G4/1	4	NSD							☐	
B7-H4/1	5	NSD							☐	
B6-C4/1	6	NSD							☐	
B6-E4/1	7	NSD							☐	
B6-F4/1	8	NSD							☐	
B6-G4/1	9	NSD							☐	
B6-H4/1	10	NSD							☐	

NSD: No Asbestos Structures Detected

Comments

	Structure Density (str/mm2)	Concentration (str/cc air)	Grid Evaluation
Total Grid Openings: 10			
Chrysotile Asbestos Structures: 1	10.0	0.0077	☒ Grid Openings Covered > 50%
Amphibole Asbestos Structures: 0	<10	<0.0077	☒ Intact Grid Opening > 50%
Asbestos Structures >=5 microns: 0	<10	<0.0077	☒ Undissolved Filter < 10%
Total Non-Asbestos Structures:			☒ Folded Replica < 50%
Total Asbestos Structures: 1	10.0	0.0077	☒ Filter Loading < 10%
Analytical Sensitivity: 10		0.0077	☒ Particulate Even

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