

MAR. 12. 2002 4:36PM

IATL

NO. 324

P. 210

TEM - Water Sample Work Sheet

IATL International Asbestos
Testing Laboratories

Client Name: STL Date: 3.12.02
Client Project #: 0111
Sample Type: EPA 100.1 (DW), 100.2 (WW), ELAP 193.2 (DW)

IATL Sample #: 1452452
Client Sample #: 0111 - 335521
IATL Grid Box #: 0140
Grid Archive ID#: N3

Instrument ID: (D) H-600AB, 542-47-3 Magnification: 20,000X Accelerating Voltage: 100KeV
Kevex Delta II Filter Dia. (mm): 25.37 (47) Filter Pore Size (µm): 0.1, 0.30, 0.45
II H-600AB, 542-47-7 Filter Type: ACE-PC Kevex 7500

Grid Opening: _____ (mm) X _____ (mm) Volume of Aliquot: 5.0 (ml)
Grid Opening Area: 0.013 (mm²) Volume / Grid Openings Adjusted to MDL: < 0.1 MFL
Grid Openings Examined: 5 Analytical Sensitivity: 1.4 (mm²)
Total Area Analyzed: 0.065 (mm²) Minimum Detection Limit: 2.96 (MFL)

Asbestos Structures: all sizes > 0.5µm: 2.3 Total Non-Asbestos Structures: all sizes > 0.5µm: N/A
Asbestos: 68.1 (MFL) Non-Asbestos: 2.96 (MFL)
> 10.0µm: 8
Asbestos: 2.27 (MFL)

Analysis Data:

Count	Size	Shape	Aspect	DP	EDS	Remarks
21	11	m	/	/		DP (110) 2022
22	11	m	/	/		
23	11	m	/	/		
24	11	m	/	/		
25	11	m	/	/		
26	11	m	/	/		
27	11	m	/	/		
28	11	m	/	/		
29	11	m	/	/		
30	11	m	/	/		
31	11	m	/	/		
32	11	m	/	/		
33	11	m	/	/		
34	11	m	/	/		
35	11	m	/	/		
36	11	m	/	/		
37	11	m	/	/		
38	11	m	/	/		
39	11	m	/	/		
40	11	m	/	/		
Total:						

- * Must confirm by Morphology, SAED, and EDS for each suspect asbestos fiber
- Record visible prominent Chrysotile DP reflections (002, 004, 110, 130, 220, 200)
- ** Define Amphibole (DP obtained Y/N). Print-out EDS and attach.
- *** Characterize by EDS

Prep Quality: (✓, ✓, ✓)
Dissolution: _____
Carbon Film: 15
Loading: _____

Comments: _____

Analyzed By: _____
Reviewed By: _____

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