

SciLab Job #: 202022083

Client Name: TRC Environmental Corporation

Table I

Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (air)

35052-0000-00004; NYC Law Department; 100 Church Street / AMBIENT

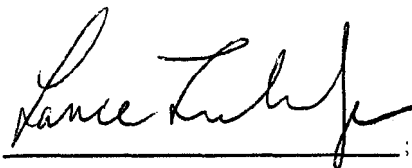
SciLab Sample #	Client Sample #	Dilution Factor	Air Filtered (liters)	Area Analyzed (sq. mm.)	* Analytical Sensitivity (struc/cc air)	Asbestos Structures Detected (Microns)			Structure Density (struc/sq. mm.)		Structure Concentration (struc/cc air)		Type of Asbestos
						0.5-5.0	>5.0	Total	>5.0	Total	>5.0	Total	
01	GS1 5th Floor Notheast Side		600	.1	0.0064	0.0	0.0	0.0	<10	<10	<0.0064	<0.0064	NSD
02	GS2 5th Floor Northwest Side		600	.1	0.0064	0.0	0.0	0.0	<10	<10	<0.0064	<0.0064	NSD

* concentration represented by the detection of 1 structure

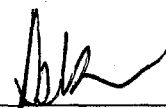
** not analyzed

NSD: No Asbestos Structures Detected

Reviewed By:



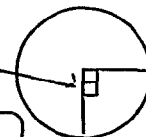
; Analyzed By:


Aleksandr Barengolts

Date: 2/12/02

NVLAP#: 200546-0

CITY_21MC100_012557369

TEM Asbestos (air) Count Sheetsample area
analyzed**Client Name:** TRC Environmental Corporation**Job #:** 202022083**Volume (liters):** 600.0**Lab Sample #:** 01**Filter Type / Filter Area:** MCE 385 mm2**Client Sample #:** GS1**Grid Opening Size:** 0.01000**Received:** 02/12/2002

12:57:59

Area Examined: 0.10000 mm2**Date Analyzed:** 02/12/2002**Magnification:** 20,000**Scope #:** 7**Accelerating Voltage:** 100 KeV

Analysis Performed by:

Aleksandr Barengolts

Location	Grid Opening	Fiber	Length μM	Width μM	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
D4-3/1C	1	NSD							☐	
D4-3/1E	2	NSD							☐	
D4-3/1F	3	NSD							☐	
D4-3/1G	4	NSD							☐	
D4-3/1H	5	NSD							☐	
D4-3/1K	6	NSD							☐	
D5-4/4C	7	NSD							☐	
D5-4/4E	8	NSD							☐	
D5-4/4F	9	NSD							☐	
D5-4/4G	10	NSD							☐	

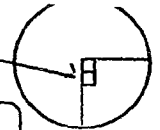
NSD: No Asbestos Structures Detected

Comments

		Structure Density	Concentration	Grid Evaluation
		(str/mm2)	(str/cc air)	
Total Grid Openings:	10			
Chrysotile Asbestos Structures:	0	<10	<0.0064	☒ Grid Openings Covered > 50%
Amphibole Asbestos Structures:	0	<10	<0.0064	☒ Intact Grid Opening > 50%
Asbestos Structures ≥ 5 microns:	0	<10	<0.0064	☒ Undissolved Filter < 10%
Total Non-Asbestos Structures:				☒ Folded Replica < 50%
Total Asbestos Structures:	0	<10	<0.0064	☒ Filter Loading < 10%
Analytical Sensitivity:		10	0.0064	☒ Particulate Even

TEM Asbestos (air) Count Sheet

sample area
analyzed



<u>Client Name:</u> TRC Environmental Corporation		<u>Volume (liters):</u> 600.0
<u>Job #:</u> 202022083		<u>Filter Type / Filter Area:</u> MCE 385 mm2
<u>Lab Sample #:</u> 02		<u>Grid Opening Size:</u> 0.01000
<u>Client Sample #:</u> GS2		<u>Area Examined:</u> 0.10000 mm2
<u>Received:</u> 02/12/2002	12:57:59	<u>Magnification:</u> 20,000
<u>Date Analyzed:</u> 02/12/2002		<u>Accelerating Voltage:</u> 100 KeV
<u>Scope #:</u> 7		

Analysis Performed by: Aleksandra Barengolts

Location	Grid Opening	Fiber	Length μ M	Width μ M	Fiber Type	Morphology	EDS	Orient.	SAED	Photo
E1-4/6B	1	NSD							☐	
E1-4/6C	2	NSD							☐	
E1-4/6E	3	NSD							☐	
E1-4/6F	4	NSD							☐	
E1-4/6G	5	NSD							☐	
E1-4/6H	6	NSD							☐	
E1-4/6K	7	NSD							☐	
E2-4/5E	8	NSD							☐	
E2-4/5F	9	NSD							☐	
E2-4/5G	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:	0	<10	<0.0064	☒ Grid Openings Covered > 50%
Amphibole Asbestos Structures:	0	<10	<0.0064	☒ Intact Grid Opening > 50%
Asbestos Structures >=5 microns:	0	<10	<0.0064	☒ Undissolved Filter < 10%
Total Non-Asbestos Structures:				☒ Folded Replica < 50%
Total Asbestos Structures:	0	<10	<0.0064	☒ Filter Loading < 10%
Analytical Sensitivity:		10	0.0064	☒ Particulate Even