NYC 9/11 Public Portal Document

SciLab Job #: 202033427

Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; NYC Law Department; 100 Church St./ OSHA

SciLab Sample #	Client Sample # / Location	Date Collected	Flow Rate (liters/min.)	Duration (min.)	Air Filtered (liters)	Fields	Fibers	Fiber Density (Fibers/mm^2)	Fibers Conc. (Fibers/cc)	TWA
01	GS-3/22/02-OSHA-0243	3/22/02	2	321	642	100	5	6.37	< 0.004	
	Alberto Ganay									
02	GS-3/22/02-OSHA-0244	3/22/02	2	321	642	100	5	6.37	< 0.004	
	Ramon Rodriguez									
03	GS-3/22/02-OSHA-0245	3/22/02	2	320	640	100	4	5.10	< 0.004	
	Manolo Alies									
04	GS-3/22/02-OSHA-0246	3/22/02	2	300	600	100	4	5.10	< 0.004	
	Alberto Ganay									
05	GS-3/22/02-OSHA-0247	3/22/02	2	300	600	100	4	5.10	< 0.004	
	Ramon Rodriguez									
06	GS-3/22/02-OSHA-0248	3/22/02	2	300	600	100	5	6.37	< 0.004	
	Manolo Alies									
07	GS-3/22/02-OSHA-0249	3/22/02	0	0	0	100	0.5	0.64		
	Field Blank								Footnotes: 1	
08	GS-3/22/02-OSHA-0250	3/22/02	0	0	0	100	0.5	0.64		
	Field Blank								Footnotes: 1	

Reporting Notes:

(1) Fibers/cc cannot be calculated for samples (or blanks) with no air volume.

Analyzed by: Kenny Harrell Date Analyzed: 3/25/02

Samples analyzed by NIOSH 7400(A) Method, Issue #2, 8/15/94: Limit of Detection= 5.5 fibers per 100 fields or 7 fibers/mm2: This report relates ONLY to the sample analysis expressed as fibers/sq mm of filter area: ND=No fibers observed: NA= Not Analyzed; Walton-Beckett graticle field area = 0.00785 mm2: TWA = 8 Hr TWA calculation assumes zero exposure for remainder of 8 hr period not sampled: Upper 95% Confidence limit (Employers Compliance Test)- Calculated as a one sided UCL to determine 95% certainty of compliance with the 0.01 fiber/cc standard: Estimated relative standard deviation: Intralab Sr=0.405, Interlab Sr=0.45, New York samples (NYSDOH ELAP Lab # 11480): National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. AIHA # 102843.

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