

SciLab Job #: 202021516

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Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; N.Y.C. Law Dept.; 100 Church Street, N.Y. (Ambient)

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-Asb-0401 4th Floor At WS 4-173E	2/6/02	5	300	1500	100	4	5.10	< 0.002	
02	GS-Asb-0402 4th Floor At WS 4-176C	2/6/02	5	300	1500	100	3	3.82	< 0.002	
03	GS-Asb-0403 4th Floor At WS 209A	2/6/02	5	300	1500	100	8	10.19	0.003	
04	GS-Asb-0404 4th Floor At WS 213B	2/6/02	5	300	1500	100	4	5.10	< 0.002	
05	GS-Asb-0405 4th Floor At WS 4-173E	2/6/02	5	300	1500	100	3	3.82	< 0.002	
06	GS-Asb-0406 4th Floor At WS 4-176C	2/6/02	5	300	1500	100	2	2.55	< 0.002	
07	GS-Asb-0407 4th Floor At WS 209A	2/6/02	5	300	1500	100	2	2.55	< 0.002	
08	GS-Asb-0408 4th Floor At WS 213B	2/6/02	5	300	1500	100	1	1.27	< 0.002	
09	GS-Asb-04FB#1 Blank	2/6/02	0	0	0	100	0.5	0.64		Footnotes: 1
10	GS-Asb-04FB#2 Blank	2/6/02	0	0	0	100	0.5	0.64		Footnotes: 1

Reporting Notes:

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

Analyzed by: Devin Ahjee Devin Ahjee; Date Analyzed: 2/6/02

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.