

SciLab Job #: 202031113

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Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; New York City Law Department; 100 Church Street / 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-3/1/02-ASB-0312 WS 2-101	3/1/02	5	240	1200	100	2	2.55	< 0.002	
02	GS-3/1/02-ASB-0313 WS 2-192	3/1/02	5	240	1200	100	5	6.37	< 0.002	
03	GS-3/1/02-ASB-0314 RM 2-196	3/1/02	5	240	1200	100	8	10.19	0.003	
04	GS-3/1/02-ASB-0315 RM 2-108	3/1/02	5	240	1200	100	4	5.10	< 0.002	
05	GS-3/1/02-ASB-B1 Blank	3/1/02	0	0	0	100	0.5	0.64		Footnotes: 1
06	GS-3/1/02-ASB-B2 Blank	3/1/02	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: Anthony Hinton; Date Analyzed: 3/1/02

Samples analyzed by NIOSH 7400(A) Method, Issue #2, 1/15/94. 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 = 0.09785 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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