

SciLab #: 202021171

Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00004; NYC Law Dept.; 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	GS1 5th Floor Northeast Side	2/2/02	5	120	600	100	30	38.22	0.025	
02	GS2 5th Floor Northwest Side	2/2/02	5	120	600	100	21	26.75	0.017	
03	GS3 Osha Sample On Ceasar Rodriguez	2/2/02	2.5	270	675	100	4	5.10	< 0.004	
04	GS4 Field Blank	2/2/02	0	0	0	100	0.5	0.64		Footnotes: 1
05	GS5 Field Blank	2/2/02	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: Tatyana Grimchak; Date Analyzed: 2/4/02

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.