

SciLab Job #: 202033428

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Client Name: TRC Environmental Corporation

Phase Contrast Microscopy (PCM) Fiber Results

35052-0000-00007; 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-3/23/02-OSHA-0251 Alberto Ganay	3/23/02	2	321	642	100	4	5.10	< 0.004	
02	GS-3/23/02-OSHA-0252 Ramon Rodriguez	3/23/02	2	321	642	100	3	3.82	< 0.004	
03	GS-3/23/02-OSHA-0253 Manolo Alies	3/23/02	2	320	640	100	4	5.10	< 0.004	
04	GS-3/23/02-OSHA-0254 Alberto Ganay	3/23/02	2	300	600	100	5	6.37	< 0.004	
05	GS-3/23/02-OSHA-0255 Ramon Rodriguez	3/23/02	2	300	600	100	4	5.10	< 0.004	
06	GS-3/23/02-OSHA-0256 Manolo Alies	3/23/02	2	300	600	100	4	5.10	< 0.004	
07	GS-3/23/02-OSHA-0257 Field Blank	3/23/02	0	0	0	100	0.5	0.64		Footnotes: 1
08	GS-3/23/02-OSHA-0258 Field Blank	3/23/02	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: Kenny Farrell; 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.