

SciLab Job #: 202032975

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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, 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	Manolo Alias	GS-3/19/02-OSHA-0219	3/19/02	2	330	660	100	2	2.55	< 0.004
02	David Arce	GS-3/19/02-OSHA-0220	3/19/02	2	330	660	100	2	2.55	< 0.004
03	Alberto Garey	GS-3/19/02-OSHA-0221	3/19/02	2	330	660	100	3	3.82	< 0.004
04	Manolo Alias	GS-3/19/02-OSHA-0222	3/19/02	2	300	600	100	2	2.55	< 0.004
05	David Arce	GS-3/19/02-OSHA-0223	3/19/02	2	300	600	100	1	1.27	< 0.004
06	Alberto Garey	GS-3/19/02-OSHA-0224	3/19/02	2	300	600	100	2	2.55	< 0.004
07	Blank	GS-3/19/02-OSHA-0225	3/19/02	0	0	0	100	0.5	0.64	Footnotes: 1
08	Blank	GS-3/19/02-OSHA-0226	3/19/02	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: Marvin Brothers *M. Brothers*; Date Analyzed: 3/20/02

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; Wallon-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 S_r=0.405, InterLab S_r=0.45, New York samples (NYS DOH 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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