

SciLab Job #: 98-09-6791

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results
A98113; DURINGS

P.01/03
212 679 9392

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	29 092298 01 DUR/10th Floor on West Broadway & Barkley St. Side ISWA	9/22/98	5	270	1350	100	2	2.55	< 0.002	
02	29 092298 02 DUR/10th Floor on West Broadway & Barkley St. Side OSWA	9/22/98	5	270	1350	100	4	5.10	< 0.002	
03	29 092298 03 DUR/11th Floor on West Broadway & Barkley St. Side ISWA	9/22/98	5	270	1350	100	1	1.27	< 0.002	
04	29 092298 04 DUR/11th Floor on West Broadway & Barkley St. Side OSWA	9/22/98	5	270	1350	100	4	5.10	< 0.002	
05	29 092298 05 DUR/12th Floor on West Broadway & Barkley St. Side ISWA	9/22/98	5	270	1350	100	0.5	0.64	< 0.002	
06	29 092298 06 DUR/12th Floor on West Broadway & Barkley St. Side OSWA	9/22/98	5	270	1350	100	0.5	0.64	< 0.002	
07	29 092298 07 DUR/13th Floor on West Broadway & Barkley St. Side ISWA	9/22/98	5	270	1350	100	5	6.37	< 0.002	
08	29 092298 08 DUR/13th Floor on West Broadway & Barkley St. Side OSWA	9/22/98	5	270	1350	100	2	2.55	< 0.002	
09	29 092298 09 Blank	9/22/98	0	0	0	100	0.5	0.64		Footnotes: /
10	29 092298 010 Blank	9/22/98	0	0	0	100	0.5	0.64		Footnotes: /

SCIENTIFIC LABS

Reporting Notes:

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

Analyzed by: Anthony T. Hinton A.T.H.; Date Analyzed: 9/23/98

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 - Bockett gradicule field area 0.00785 mm²; Duration in minutes; TWA = 8Hr TWA calculation assumes zero exposure for remainder of 8 hour period not sampled; Upper 95% Confidence Limit (Employer's 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 = 0.270, Interlab Sr = 0.450. ELAP #11480

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