

SciLab Job #: 98-08-6805

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A98113; 7th & 8th Floor-Finals

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	Field Blank	8/20/98	0	0	0	100	0.5	0.64	Footnotes: 1	
02	Field Blank	8/20/98	0	0	0	100	0.5	0.64	Footnotes: 1	
03 inside	34082098-03	8/20/98	15	80	1200	100	4	5.10	< 0.002	
	7th Flr.-Tent #59									
04 outside	34082098-04	8/20/98	15	80	1200	100	5	6.37	< 0.002	
	7th Flr.-Tent #59									
05 inside	34082098-05	8/20/98	15	80	1200	100	13	16.56	0.005	
	8th Flr.-Tent #60									
06 outside	34082098-06	8/20/98	15	80	1200	100	4	5.10	< 0.002	
	8th Flr.-Tent #60									
07 inside	34082098-07	8/20/98	15	80	1200	100	7	8.92	0.003	
	8th Flr.-Tent #61									
08 outside	34082098-08	8/20/98	15	80	1200	100	5	6.37	< 0.002	
	8th Flr.-Tent #61									
09 inside	34082098-09	8/20/98	15	80	1200	100	7	8.92	0.003	
	8th Flr.-Tent #62									
10 outside	34082098-10	8/20/98	15	80	1200	100	4	5.10	< 0.002	
	8th Flr.-Tent #62									

Reporting Notes:

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

Analyzed by: Marvin Brothers *M. B. Brothers*; Date Analyzed: 8/20/98

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 - Beckett 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