

SciLab Job #: 98-08-5975

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A98113; Third 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	34081198-35 Inside Tent #2	8/11/98	15	120	1800	100	2	2.55	< 0.001	
02	34081198-36 Inside Tent #2	8/11/98	15	120	1800	100	3	3.82	< 0.001	
03	34081198-37 Outside Tent #2	8/11/98	15	120	1800	100	3	3.82	< 0.001	
04	34081198-38 Outside Tent #2	8/11/98	15	120	1800	100	3	3.82	< 0.001	
05	34081198-39 Inside Tent #	8/11/98	15	120	1800	100	2	2.55	< 0.001	
06	34081198-40 Outside Tent #3	8/11/98	15	120	1800	100	2	2.55	< 0.001	
07	34081198-41 Inside Tent #4	8/11/98	15	120	1800	100	1	1.27	< 0.001	
08	34081198-42 Inside Tent #4	8/11/98	15	120	1800	100	3	3.82	< 0.001	
09	34081198-43 Outside Tent #4	8/11/98	15	120	1800	100	3	3.82	< 0.001	
10	34081198-44 Outside Tent #4	8/11/98	15	120	1800	100	9	11.46	0.002	

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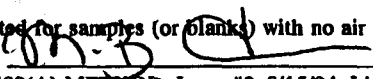
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11	34081198-45 Field Blank	8/11/98	0	0	0	100	0.5	0.64		
									Footnotes: /	
12	34081198-46 Field Blank	8/11/98	0	0	0	100	0.5	0.64		
									Footnotes: /	

Reporting Notes:

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

Analyzed by: Marvin Brothers ; Date Analyzed: 8/11/98

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