

SciLab Job #: 98-08-7530

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A98113; Durings

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 outside	YK 0827987 01 Dur - 10th Fl - Cl Rm Decon	8/27/98	5	240	1200	100	7	8.92	0.003	
02 outside	YK 0827987 02 Dur - 9th Fl - Greenwich Side	8/27/98	5	240	1200	100	10	12.74	0.004	
03 outside	YK 0827987 03 Dur - 9th Fl - Park Pl Side	8/27/98	5	240	1200	100	5	6.37	< 0.002	
04 outside	YK 0827987 04 Dur - 9th Fl - Barclay Side	8/27/98	5	240	1200	100	9	11.46	0.004	
05 outside	YK 0827987 05 Dur - 9th Fl - Elev Lobby	8/27/98	5	240	1200	100	7	8.92	0.003	
06 outside	YK 0827987 06 Dur - 10th Fl - Cl Rm Decon	8/27/98	5	270	1350	100	9	11.46	0.003	
07 outside	YK 0827987 07 Dur - 9th Fl - Greenwich Side	8/27/98	5	270	1350	100	6	7.64	0.002	
08 outside	YK 0827987 08 Dur - 9th Fl - Park Pl Side	8/27/98	5	270	1350	100	12	15.29	0.004	
09 outside	YK 0827987 09 Dur - 9th Fl - Barclay Side	8/27/98	5	270	1350	100	7	8.92	0.003	
10 outside	YK 0827987 10 Dur - 9th Fl - Elev Lobby	8/27/98	5	270	1350	100	5	6.37	< 0.002	

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11	Field Blank	YK 0827987 11	8/27/98	0	0	0	100	0.5	0.64	Footnotes: /
12	Field Blank	YK 0827987 12	8/27/98	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, *M. D. C.*; Date Analyzed: 8/28/98

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 gradicute 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