

SciLab Job #: 98-10-5279

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A98113; Fiterman Hall 10th To 13th Floor (DURINGS)

P. 02/05
212 679 9392

SCIENTIFIC LABS

19:31
DCT-03-1998

CITY_21MC100_003110123

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	KL100398-01 Rm 1248 West Column ISWA	10/3/98	10	120	1200			NA		Footnotes: 2
02	KL100398-02 Rm 1248 West Column OSHA	10/3/98	10	120	1200			NA		Footnotes: 2
03	KL100398-03 WA Opposite Rm 1241 South Column ISWA	10/3/98	10	120	1200	100	10	12.74	0.004	
04	KL100398-04 WA Opposite Rm 1241 South Column OSHA	10/3/98	10	120	1200	100	32	40.76	0.013	
05	KL100398-05 WA Opposite Rm 1240 East Column ISWA	10/3/98	10	120	1200	100	38	48.41	0.016	
06	KL100398-06 WA Opposite Rm 1240 East Column OSHA	10/3/98	10	120	1200	100	5	6.37	< 0.002	
07	KL100398-07 WA Opposite Rm 1234 East Column ISWA	10/3/98	10	120	1200	100	28	35.67	0.011	
08	KL100398-08 WA Opposite Rm 1234 East Column OSHA	10/3/98	10	120	1200	100	16	20.38	0.007	
09	KL100398-09 WA Opposite Rm 1227 North Side ISWA	10/3/98	8	340	2720	100	21	26.75	0.004	
10	KL100398-10 WA Oppos Rm 1227 North Side OSHA	10/3/98	8	340	2720	100	23	29.30	0.004	
11	KL100398-11 WA Opposite Stairway B North Side ISWA	10/3/98	8	340	2720	100	11	14.01	0.002	
12	KL100398-12 WA Opposite Stairway B North Side OSHA	10/3/98	8	340	2720	100	7	8.92	0.001	
13	KL100398-13 WA By The Rm 1218 North Side ISWA	10/3/98	8	290	2320	100	20	25.48	0.004	
14	KL100398-14 WA By The Rm 1218 North Side OSHA	10/3/98	8	290	2320	100	14	17.83	0.003	
15	KL100398-15 Field Blank	10/3/98	0	0	0	100	0.5	0.64		Footnotes: /

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16	KL100398-16	10/3/98	0	0	0	100	0.5	0.64		

Field Blank

Footnotes: /

Reporting Notes:

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

(2) Analyst was unable to quantify fiber concentration because of overloading of particulate material on the filter.

Analyzed by: Larisa Srybnaya *Larisa Srybnaya*; Date Analyzed: 10/3/98

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

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OCT-03-1998 19:31

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