

Lab Job #: 08-97-6423

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

#	Client Sample # / Location	Date Collected	A97197- Backgrounds 195		Air Filtered (liters)	Fields	Fibers	Fiber Density (Fibers/mm ²)	Fibers Conc. (Fibers/cc)	TWA
			Flow Rate (liters/min.)	Duration (min.)						
	29 081997 09 Bkg-1st Fl-West Middle of Area ISWA	8/19/97	15	80	1200	100	7	8.92	0.003	
	29 081997 10 Bkg-1st Fl-West South Corner Area ISWA	8/19/97	15	80	1200	100	4	5.10	< 0.002	
	29 081997 11 Bkg-1st Fl-North East Corner OSHA	8/19/97	15	80	1200	100	5	6.37	< 0.002	
	29 081997 12 Bkg-1st Fl-North West Corner OSHA	8/19/97	15	80	1200	100	4	5.10	< 0.002	
	29 081997 13 Bkg-1st Fl-North West Middle of Loading Dock OSHA	8/19/97	15	80	1200	100	3	3.82	< 0.002	
	29 081997 14 Bkg-1st Fl-West South Corner OSHA	8/19/97	15	80	1200	100	3	3.82	< 0.002	
	29 081997 15 Bkg-1st Fl-South East Corner OSHA	8/19/97	15	80	1200	100	7	8.92	0.003	
	29 081997 16 Blank	8/19/97	0	0	0	100	0.5	0.64		Footnotes: /
	29 081997 17 Blank	8/19/97	0	0	0	100	0.5	0.64		Footnotes: /

Porting Notes:

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

Analyzed by: Filix Zalyaznik F. Zalyaznik; Date Analyzed: 8/22/97 ELAP # 11480.

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. Phase Contrast Microscope: Olympus, Model CH-2.

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