

Client Name. Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A97195; FH 2nd Floor

Lab ple #	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
	25082797-01	8/27/97	0	0	0	100	0.5	0.64		
Blank									Footnotes: 1	
	25082797-02	8/27/97	0	0	0	100	0.5	0.64		
Blank									Footnotes: 1	
	25082797-03	8/27/97	5	390	1950			NA		
Study Hall In Tent #1, IWA									Footnotes: 2	
	25082797-04	8/27/97	5	390	1950			NA		
By Handicap Bathroom, OWA									Footnotes: 2	
	25082797-05	8/27/97	5	390	1950			NA		
North Side in Tent #2, IWA									Footnotes: 2	
	25082797-06	8/27/97	5	390	1950			NA		
Study Hall, OWA									Footnotes: 2	
	25082797-07	8/27/97	5	390	1950	100	20	25.48	0.005	
At Remote Decon, OWA										

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: Fred Corirossi Fred Corirossi; Date Analyzed: 8/27/97 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.