NYC 9/11 Public Portal Document

SciLab Job #: J9-97-6159

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

A97195; 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	29 092297 01	9/22/97	5	430	2150	100	5	6.37	< 0.001	
	DUR- 1st Fl Clean Room Decon									
02	29 092297 02	9/22/97	5	430	2150	100	4	5.10	< 0.001	
	DUR- 1st Fl N/E Corner by Tent OWA									
03	29 092297 03	9/22/97	5	430	2150	100	10	12.74	0.002	
	DUR- 1st Fl N/Side by Tent OWA									
04	29 092297 04	9/22/97	5	430	2150	100	9	11.46	0.002	
	DUR- 1st Fl N/West Corner by Tent OWA									
05	29 092297 05	9/22/97	5	430	2150	100	5	6.37	< 0.001	
	DUR- 1st Fl W/Side by Tent OWA									
06	29 092297 06	9/22/97	0	0	0	100	0.5	0.64		
	Blank								Footnotes: 1	
07	29 092297 07	9/22/97	0	0	0	100	0.5	0.64		
	Blank								Footnotes: 1	

Reporting Notes:

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

Analyzed by: Marvin Brothers _____; Date Analyzed: 9/22/97

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.

CITY_21MC100_0111141109

NYC-WTC_000186283