

Lab Job #: 01-97-5412

Client Name: Applied Technology Services, Inc.

Phase Contrast Microscopy (PCM) Fiber Results

30 W. Broadway Job No. A96267

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
YK01.08.97-01 BKG-9 S-E Wet Col - IWA	1/8/97	15	60	900	100	14	17.83	0.00762	
YK01.08.97-02 BKG-9 S-W Wet Col - IWA	1/8/97	15	60	900	100	22	28.03	0.01198	
YK01.08.97-03 BKG-9 Risers in Chase - IWA	1/8/97	15	60	900	100	9	11.46	0.00490	
YK01.08.97-04 BKG-9 N-W Wet Col - IWA	1/8/97	15	60	900	100	7	8.92	0.00381	
YK01.08.97-05 BKG-9 N-E Wet Col - IWA	1/8/97	15	60	900	100	4	5.1	0.00217	
YK01.08.97-06 BKG-9 Men Bath - IWA	1/8/97	15	60	900	100	6	7.64	0.00326	
YK01.08.97-07 BKG-9 Men Bath - IWA	1/8/97	15	60	900	100	4	5.1	0.00217	
YK01.08.97-08 BKG-9 Men Bath - IWA	1/8/97	15	60	900	100	12	15.29	0.00653	
YK01.08.97-09 BKG-9 Wom. Bath - IWA	1/8/97	15	60	900	100	6.5	8.28	0.00354	
YK01.08.97-10 BKG-9 Wom. Bath - IWA	1/8/97	15	60	900	100	2	2.55	< 0.002	
YK01.08.97-11 BKG-9 Wom. Bath - IWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
YK01.08.97-12 BKG-9 S-E Wet Col - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
YK01.08.97-13 BKG-9 S-W Wet Col - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
YK01.08.97-14 BKG-9 Riser in Chase - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
YK01.08.97-15 BKG-9 N-W Wet Col - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	

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	YK01.08.97-16 BKG-9 N-E Wet Col - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
	YK01.08.97-17 BKG-9 Men Bath - OWA	1/8/97	15	60	900	100	1	1.27	< 0.002	
	YK01.08.97-18 BKG-9 Men Bath - OWA	1/8/97	15	60	900	100	1.5	1.91	< 0.002	
	YK01.08.97-19 BKG-9 Men Bath - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
	YK01.08.97-20 BKG-9 Wom. Bath - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
	YK01.08.97-21 BKG-9 Wom. Bath - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
	YK01.08.97-22 BKG-9 Wom. Bath - OWA	1/8/97	15	60	900	100	0.5	0.64	< 0.002	
	AV010897-23 Dur-5-Northeast Side Tent #5-OWA	1/8/97	10	120	1200	100	0.5	0.64	< 0.002	
	AV010897-24 Dur-5-Northwest Side Tent #5-OWA	1/8/97	10	120	1200	100	0.5	0.64	< 0.002	
	AV010897-25 Dur-5-Southeast Side Tent #5-OWA	1/8/97	10	120	1200	100	0.5	0.64	< 0.002	
	AV010897-26 Dur-5-Southwest Side Tent #5-OWA	1/8/97	10	120	1200	100	0.5	0.64	< 0.002	
	AV010897-27 Dur-5-10 feet Opposite Entrance to Tent #5-OWA	1/8/97	10	120	1200	100	0.5	0.64	< 0.002	
	AV010897-28 Dur-13-Northeast Side VAT Tent-OWA	1/8/97	10	150	1500	100	1	1.27	< 0.002	
	AV010897-29 Dur-13-Northwest Side of VAT Tent-OWA	1/8/97	10	150	1500	100	0.5	0.64	< 0.002	
	AV010897-30 Dur-13-SE Side of VAT Tent-OWA	1/8/97	10	150	1500	100	2	2.55	< 0.002	

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	AV010897-31 Dur-13-SW Side of VAT Tent-OWA	1/8/97	10	150	1500	100	13	16.56	0.00425	
	AV010897-32 Dur-13-10 feet Opposite Entrance VAT Tent-OWA	1/8/97	10	150	1500	100	21	26.75	0.00686	
	AV010897-33 Dur-12-NE Side of VAT Tent #1-OWA	1/8/97	10	115	1150	100	0.5	0.64	< 0.002	
	AV010897-34 Dur-12-NW Side of VAT Tent #1-OWA	1/8/97	10	115	1150	100	0.5	0.64	< 0.002	
	AV010897-35 Dur-12-SE Side of VAT Tent #1-OWA	1/8/97	10	115	1150	100	1	1.27	< 0.002	
	AV010897-36 Dur-12-SW Side of VAT Tent #1-OWA	1/8/97	10	115	1150	100	1.5	1.91	< 0.002	
	AV010897-37 Dur-12-15 feet from Entrance to VAT Tent #1-OWA	1/8/97	10	115	1150	100	0.5	0.64	< 0.002	
	AV010897-38 Dur-12-NE Tent #2-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-39 Dur-12-SW Tent #2-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-40 Dur-12-SE Tent #2-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-41 Dur-12-NW Tent #3-OWA	1/8/97	12	50	600	100	3	3.82	0.00245	
	AV010897-42 Dur-12-SE Tent #3-OWA	1/8/97	12	50	600	100	0.5	0.64	< 0.002	
	AV010897-43 Dur-12-SW Tent #3-OWA	1/8/97	12	50	600	100	0.5	0.64	< 0.002	
	AV010897-44 Dur-11-NE Tent #2-OWA	1/8/97	12	60	720	100	0.5	0.64	< 0.002	
	AV010897-45 Dur-11-NW Tent #2-OWA	1/8/97	12	60	720	100	0.5	0.64	< 0.002	

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	AV010897-46 Dur-11-SE Tent #2-OWA	1/8/97	12	60	720	100	1	1.27	< 0.002	
	AV010897-47 Dur-11-NE Side Tent #1-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-48 Dur-11-NW Side Tent #1-OWA	1/8/97	10	60	600	100	7	8.92	0.00572	
	AV010897-49 Dur-11-SE Side Tent #1-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-50 Dur-11-SW Side Tent #1-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-51 Dur-11-15 feet from Entrance to Tent #1-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-52 Dur-11-SE Tent #3-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-53 Dur-11-SW Tent #3-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-54 Dur-11-NE Tent #3-OWA	1/8/97	10	60	600	100	0.5	0.64	< 0.002	
	AV010897-55 Fin-5-SE Wet Col.-OWA	1/8/97	15	80	1200	100	0.5	0.64	< 0.002	
	AV010897-56 Fin-5-SE Wet Col.-IWA	1/8/97	15	80	1200	100	0.5	0.64	< 0.002	
	AV010897-57 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: /
	AV010897-58 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: /
	AV010897-59 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: /
	AV010897-60 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: /

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AV010897-61 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: 1
AV010897-62 Field Blank	1/8/97	0	0	0	100	0.5	0.64	***	Footnotes: 1

Reporting Notes:

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

Analyzed by: Anthony Hinton

Samples analyzed by NIOSH 7400(A) METHOD, Issue #2, 8/15/94; PAT Lab #08939; NYSDOH ELAP Lab #11480; This report relates ONLY to the sample analysis expressed as fibers/sq mm of filter area; ND = no fibers observed; 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; Estimated Limit of Detection = 5.5 fibers / 100 fields or 7 fibers / mm²; Estimated relative standard deviation: Intralab Sr = 0.27, Interlab Sr = 0.45

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