NYC 9/11 Public Portal Document

P & K Microbiology Services, Inc.

The Environmental Microbiology and Mycology Specialists
7 Allison Drive, Cherry Hill, New Jersey 08003

Tel: 856-489-4455
Fax: 856-489-4085
Email: pnkmicrobiology@envirocenter.com
Website: www.envirocenter.com

Client: ATC Associates, Inc.-New York, New York, NY 10010
Project ID: 15-22634-0002
Date Sampled: July 11, 2002
Samples Submitted By: Wagdt
Date Characterization Completed: July 18, 2002
P&K Report No.: 020712-039

Air-O-Cell cassette Samples

P&K Sample ID Client Sample ID Location	Air vol. (L)	MF	Counts of Fungal Structures	Fungal Structure/m³	Presumptive Fungal ID	Percentage
020712-039-001 ATC-0711-WTC-S1 N. end of Basement	150.0	3.92	1	27	Alternaria	<1%
			132	3,450	Asp./Pen.-like	97%
			1	27	Ganoderma	<1%
			2	53	Stachybotrys	1%
				Total: 3,557		100%
020712-039-002 ATC-0711-WTC-S2 S. end 2 columns from Pit	150.0	3.92	20	523	Asp./Pen.-like	87%
			1	27	basidiospores	4%
			1	27	Cladosporium	4%
			1	27	Ganoderma	4%
				Total: 604		100%
020712-039-003 ATC-0711-WTC-S3 S. Pit (not cleaned)	150.0	78.4	1	523	Alternaria	<1%
			3,752	1,961,046	Asp./Pen.-like	100%
				Total: 1,961,569		100%
020712-039-004 ATC-0711-WTC-S4 Outside Safeway Decon	150.0	3.92	1	27	Alternaria	2%
			51	1,333	Asp./Pen.-like	98%
				Total: 1,360		100%
020712-039-005 ATC-0711-WTC-S5 Outdoors @ATC Trailer & Security Trailer	150.0	3.92	1	27	ascospores	4%
			5	131	Asp./Pen.-like	18%
			18	471	Cladosporium	64%
			1	27	Curvularia	4%
			1	27	Ganoderma	4%
			1	27	hyphal fragments	4%
			1	27	Stachybotrys	4%
				Total: 737		100%
020712-039-006 ATC-0711-WTC-S6 Blank	NA	3.92	NA	NA	No Spore detected	NA

The detection limit of fungal analysis using optical microscopy is one fungal spore or one fungal structure. The quantitation limits vary from analysis to analysis and from processing procedure to processing procedure. Contact us to determine your quantitation limits. Percentages may not equal 100% due to

CITY_21MC100_010396276

NYC-WTC_000208885

NYC 9/11 Public Portal Document

P&K Microbiology Services, Inc.

Air-O-Cell cassette Samples

rounding. (MF: Multiplication Factor)

Approved by: _____
Chin S. Yang, Ph.D. Microbiologist

Quality control checked by: _____

CITY_21MC100_010396277

NYC-WTC_000208886