

Analysis: Culturable Fungi Analysis (FC 11)
Client: ACME
Cherry Hill, NJ
Contact: John Doe
Project ID: 2006-101

QLAB Job No.: CH06-0101-01
Date Sampled: 1/1/2006
Date Received: 1/1/2006
Date Reported: 1/8/2006

Reviewed by: WT

Authorized by: Wei-Chih Tang, Ph.D., Lab Director

Lab Sample No.	CH06-0101-01 (4)			CH06-0101-01 (5)			CH06-0101-01 (6)		
Sample ID	A4			A5			A6		
Sample Location	Outside			Basement			Living Room		
Sample Type	Air (Andersen)			Air (Andersen)			Air (Andersen)		
Media	MEA			MEA			MEA		
Date Analyzed	1/8/2006			1/8/2006			1/8/2006		
Air Volume (L)	84.9			84.9			84.9		
Total Concentration (CFU/m ³)*	290			1,000			420		
Identification	count	CFU/m ³	%	count	CFU/m ³	%	count	CFU/m ³	%
Common Dominant Fungi:									
Basidiomycetes	5	59	20						
Cladosporium	6	71	24	10	120	12	6	71	17
Penicillium	6	71	24	54	640	64	24	280	67
Aspergillus niger				7	82	8	2	24	6
Aspergillus ochraceus									
Aspergillus sydowii							1	12	3
Aspergillus versicolor	1	12	4	12	140	14	2	24	6
Major Hydrophilic Fungi:**									
Acremonium									
Aureobasidium				2	24	2			
Chaetomium				1	12	1			
Fusarium									
Stachybotrys chartarum									
Ulocladium									
Trichoderma***									
Rhizopus/Mucor***									
Others:									
Alternaria	1	12	4				1	12	3
Curvularia	2	24	8						
Epicoccum	1	12	4						
Phoma									
Pithomyces	1	12	4						
Non-sporulating fungi	1	12	4	1	12	1			
Note									

*: All concentrations are rounded to two digits of significant figures. Total concentrations/percentages may not be equal to the sum of individual concentrations/percentages due to rounding. **: Water-loving fungi, minimal Aw ≥ 0.89. Absence of hydrophilic fungi does not exclude the possibility of a water damage history. ***: Trichoderma, Rhizopus & Mucor are fast growing fungi on MEA agar plate, which may inhibit the growth of other fungi on the same plate.