



AccuScience™
Analysis Report

QLab, 256 Bridge St, Metuchen, NJ 08840
info@qlabusa.com www.QLABusa.com
AIHA EMPAT Lab ID: 178794

Analysis: AccuScience Premium Direct Exam (FD-02HP)
Client: RK Environmental
Phillipsburg, NJ
Contact: McGuinness, Michael
Project ID: Barley Sheaf School

QLab Job No.: ME180824-14
Date Sampled: 8/24/2018
Date Received: 8/24/2018
Date Reported: 8/27/2018

Reviewed by: WT

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

Lab Sample No.	ME180824-14(1)		ME180824-14(2)		ME180824-14(3)	
Sample ID	01T		02T		03T	
Sample Location	03-49		37-47		17-35	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	8/26/2018		8/26/2018		8/26/2018	
Identification	(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*	
	Spores	Hyphae/Structure	Spores	Hyphae/Structure	Spores	Hyphae/Structure
Major Hydrophilic Fungi:***						
Stachybotrys						
Chaetomium						
Ulocladium						
Acremonium						
Trichoderma						
Aureobasidium						
Yeasts (cells)						
Other Fungi:						
Aspergillus/Penicillium-like						
Aspergillus						
Penicillium						
Cladosporium	+				+	
Alternaria						
Curvularia						
Epicoccum					+	
Myxomycetes/smuts/Periconia						
Nigrospora						
Pithomyces	+				+	
Unidentifiable w/o culturing		+				
Summary	(2) Overall Coverage		(2) Overall Coverage		(2) Overall Coverage	
Sample Size Examined	150 mm ²		150 mm ²		150 mm ²	
Mycologix™ Fungal Biomass Level#	1: Normal Background		1: Normal Background		1: Normal Background	
Mold/Yeast Growth Observed	No		No		No	
Sample Mold/Yeast Coverage**	Trace: < 3%		None		Trace: < 3%	
Sample Debris Coverage**	Medium: 10 - 50%		Medium: 10 - 50%		Medium: 10 - 50%	
Note						

Mycologix™ Fungal Biomass Level: 1: Normal Background, 2A: Settled Biomass, 2B: Residual Biomass
3A: Slight Growth, 3B: Moderate Growth, 3C: Heavy Growth

*Peak Density: Peak density of fungal biomass (spores, reproduction structures, hyphae, etc.)
observed under the microscope within the viewfield of 200X magnification (approximately 1 mm in diameter).

++++, +++, ++, +: Biomass covering >50%, 10-50%, 3-10%, <3% of the 200X viewfield, respectively

** Sample Coverage of Fungi/Debris: Overall coverage of fungal biomass/debris collected on the tape samples
Tape/slide samples are taken from bulk/swab samples received and then analyzed under microscope.

High, Medium, Low, Trace: Biomass/debris covering >50%, 10-50%, 3-10%, <3% of the entire sample, respectively

***Hydrophilic Fungi: Water-loving fungi, Min. Aw >0.89. Absence of hydrophilic fungi does not exclude the
possibility of a water damage history.



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QLab Job No.: ME180824-14
Date Sampled: 8/24/2018
Date Received: 8/24/2018
Date Reported: 8/27/2018

Lab Sample No.	ME180824-14(4)			
Sample ID	04T			
Sample Location	10A-51			
Sample Type (Device)	Surface (Gel-Tape)			
Date Analyzed	8/26/2018			
Identification	(1) Peak Density (within 1 mm dia.)*			
	Spores	Hyphae/Structure		
Major Hydrophilic Fungi:***				
Stachybotrys				
Chaetomium				
Ulocladium				
Acremonium				
Trichoderma				
Aureobasidium				
Yeasts (cells)				
Other Fungi:				
Aspergillus/Penicillium-like				
Aspergillus				
Penicillium				
Cladosporium				
Alternaria				
Curvularia				
Epicoccum				
Myxomycetes/smuts/Periconia	+			
Nigrospora				
Pithomyces	+			
Unidentifiable w/o culturing		+		
Summary	(2) Overall Coverage			
Sample Size Examined	150 mm ²			
Mycologix™ Fungal Biomass Level#	1: Normal Background			
Mold/Yeast Growth Observed	No			
Sample Mold/Yeast Coverage**	Trace: < 3%			
Sample Debris Coverage**	Medium: 10 - 50%			
Note				

Mycologix™ Fungal Biomass Level: 1: Normal Background, 2A: Settled Biomass, 2B: Residual Biomass
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