



AccuScience™  
Analysis Report

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AIHA EMPAT Lab ID: 178794

**Analysis:** AccuScience Premium Direct Exam (FD-02HP)  
**Client:** RK Environmental  
Phillipsburg, NJ  
**Contact:** McGuinness, Michael  
**Project ID:** Francis A Desmares ES

**QLab Job No.:** ME180907-13  
**Date Sampled:** 9/7/2018  
**Date Received:** 9/7/2018  
**Date Reported:** 9/8/2018

**Reviewed by:** WT

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

Lab Sample No.	ME180907-13(7)		ME180907-13(8)		ME180907-13(9)	
Sample ID	RK-02T		RK-01T		RK-03T	
Sample Location	Library		Main Office		Nurse	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	9/8/2018		9/8/2018		9/8/2018	
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
<b>Major Hydrophilic Fungi:***</b>						
Stachybotrys						
Chaetomium						
Ulocladium						
Acremonium						
Trichoderma						
Aureobasidium						
Yeasts (cells)						
<b>Other Fungi:</b>						
Aspergillus/Penicillium-like	++					
Aspergillus						
Penicillium						
Cladosporium			+			
Alternaria						
Curvularia						
Epicoccum						
Myxomycetes/smuts/Periconia						
Nigrospora						
Pithomyces			+			
Unidentifiable w/o culturing	+		+			
<b>Summary</b>	<b>(2) Overall Coverage</b>		<b>(2) Overall Coverage</b>		<b>(2) Overall Coverage</b>	
Sample Size Examined	150 mm <sup>2</sup>		150 mm <sup>2</sup>		150 mm <sup>2</sup>	
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%		Trace: < 3%		None	
Sample Debris Coverage**	Low: 3 - 10%		Low: 3 - 10%		Trace: < 3%	
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.