



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:** Raritan Fleming Int. School

**QLab Job No.:** ME181030-03  
**Date Sampled:** 10/29/2018  
**Date Received:** 10/30/2018  
**Date Reported:** 10/30/2018

**Reviewed by:** WT

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

Lab Sample No.	ME181030-03(1)		ME181030-03(2)		
Sample ID	RK-RFIS-01T		RK-RFIS-02T		
Sample Location	Rm 17		Server Room		
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		
Date Analyzed	10/30/2018		10/30/2018		
Identification	(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*		
	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>		
Sample Size Examined	150 mm <sup>2</sup>		150 mm <sup>2</sup>		
Mycologix™ Fungal Biomass Level#	1: Normal Background		1: Normal Background		
Mold/Yeast Growth Observed	No		No		
Sample Mold/Yeast Coverage**	Trace: < 3%		None		
Sample Debris Coverage**	Low: 3 - 10%		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.