



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: JP Case MS

QLab Job No.: ME181009-12
Date Sampled: 10/8/2018
Date Received: 10/9/2018
Date Reported: 10/9/2018

Reviewed by: WT

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

Lab Sample No.	ME181009-12(6)		ME181009-12(7)		ME181009-12(8)	
Sample ID	01T		02T		03T	
Sample Location	Keyboard B123		B124		B129	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	10/9/2018		10/9/2018		10/9/2018	
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%		Trace: < 3%		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.