



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 ES

QLab Job No.: ME180914-14
Date Sampled: 9/14/2018
Date Received: 9/14/2018
Date Reported: 9/17/2018

Reviewed by: WT

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

Lab Sample No.	ME180914-14(1)		ME180914-14(2)		ME180914-14(3)	
Sample ID	01T		02T		03T	
Sample Location	Faculty Rm		Rm 49		Rm 39	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	9/17/2018		9/17/2018		9/17/2018	
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**	Trace: < 3%		Medium: 10 - 50%		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.



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 ES

QLab Job No.: ME180914-14
Date Sampled: 9/14/2018
Date Received: 9/14/2018
Date Reported: 9/17/2018

Lab Sample No.	ME180914-14(4)		ME180914-14(5)		ME180914-14(6)	
Sample ID	04T		05T		06T	
Sample Location	Rm 36		Rm 26		Rm 28	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	9/17/2018		9/17/2018		9/17/2018	
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**	Trace: < 3%		Trace: < 3%		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.



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 ES

QLab Job No.: ME180914-14
Date Sampled: 9/14/2018
Date Received: 9/14/2018
Date Reported: 9/17/2018

Lab Sample No.	ME180914-14(7)		ME180914-14(8)		
Sample ID	07T		08T		
Sample Location	Rm 23		Rm 24		
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		
Date Analyzed	9/17/2018		9/17/2018		
Identification	(1) Peak Density (within 1 mm dia.)*		(1) Peak Density (within 1 mm dia.)*		
	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		
Sample Size Examined	150 mm²		150 mm²		
Mycologix™ Fungal Biomass Level#	1: Normal Background		1: Normal Background		
Mold/Yeast Growth Observed	No		No		
Sample Mold/Yeast Coverage**	Trace: < 3%		Trace: < 3%		
Sample Debris Coverage**	Trace: < 3%		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.