



AccuScience™
Analysis Report

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

Analysis: AccuScience Premium Level 3 Fungal Spore Count™
Client: RK Environmental
Phillipsburg, NJ
Contact: McGuinness, Michael
Project ID: Reading-Flemington Intermediate School
Date Sampled: 8/28/2018

QLab Job No.: ME180828-15
Date Received: 8/28/2018
Date Analyzed: 8/29/2018
Date Reported: 8/29/2018

Reviewed by: WT

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

Lab Sample No.	ME180828-15(2)			ME180828-15(3)			ME180828-15(4)		
Sample ID	2235959			2206795			2206814		
Sample Location	East Gym			OAR			West Gym		
Sample Type (Device)	Air (Allergenco-D)			Air (Allergenco-D)			Air (Allergenco-D)		
Air Volume	75 L			75 L			75 L		
Total Concentration (counts/m³)**	1,100 cts/m³			17,000 cts/m³			1,600 cts/m³		
Mycologix Profile Group 1, 2 & 3	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%
1. Common Dominant Spores	DL = 53; LQL = 1100 cts/m³			DL = 67; LQL = 1300 cts/m³			DL = 53; LQL = 1100 cts/m³		
Ascospores, non-specified (O)	15	200	18	181	2,400	14			
Basidiospores (O,I)	42	560	50	790	11,000	64	49	650	41
Cladosporium, Group HM (O)									
Aspergillus/Penicillium-like, DOT (O) #Cluster-Chain-Loose Spore Profile™									
Cladosporium, Group C (O,I)				267	3,600	21			
Cladosporium, Group S (I)									
Aspergillus/Penicillium-like (I,O) ## Cluster-Chain-Loose Spore Profile™ Cluster(s)	27	360	32				68	910	58
		0% - 15% - 85%						0% - 45% - 55%	
2. Indoor Hydrophilic Fungi#	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Stachybotrys (I)									
Chaetomium (I)									
Ulocladium (I)									
Memnoniella (I)									
Trichoderma (I)									
Scopulariopsis (I)									
3. Others	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Hyphal fragment (O,I)									
Alternaria (O,I)				2	27	<1			
Cercospora (O)				5	67	<1			
Curvularia (O,I)									
Drechslera/Bipolaris-like (O)				1	13	<1			
Epicoccum (O)				2	27	<1			
Fusarium (O,I)				1	13	<1			
Myxomycetes/Smuts/Periconia (O,I)				1	13	<1			
Nigrospora (O)									
Pithomyces (O)				5	67	<1			
Rusts (O)									
Unknown (O,I)				7	93	<1	1	13	<1
Skin Cells Rating	Medium			Trace			Trace		
Debris Rating	3 (26 - 75%)			3 (26 - 75%)			3 (26 - 75%)		
Note									

*: cts/smp: counts per sample. **: All concentrations are rounded to two digits of significant figures. Total concentrations/percentages may not be equal to the sum of individual concentrations/percentages due to rounding. #: Water-loving indoor fungi (min Aw ≥0.89). Absence of hydrophilic fungi does not exclude the possibility of a water damage history. DL: detection limit (analytical sensitivity). LQL: Lower quantitation limit = 20 x DL. Upper quantitation limit depends on sample conditions. ## Asp/Pen-like spores: Loose: 1 to 2 spores; Chain: 3 to 9 spores; Cluster: 10 spores or more. O: Mostly outdoor origin with rare exceptions; I: Mostly indoor origin with rare exceptions. Distinct Outdoor Type (DOT): Distinct outdoor Asp/Pen spores that can be easily differentiated from indoor Asp/Pen spores. DOT is specific to the batch of samples collected at the same time and cannot be used for other batches.