

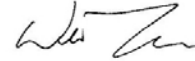
Analysis: AccuScience Premium Fungal Spore Count™ (FD-01HP)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project
Date Sampled: 7/1/1901

QLab Job No.: CH01-0701-02
Date Received: 7/1/1901
Date Analyzed: 7/2/1901
Date Reported: 7/3/1901

Sample Report

Reviewed by: WT

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



Lab Sample No.	CH01-0701-02(1)			CH01-0701-02(2)			CH01-0701-02(3)		
Sample ID	A1			A2			A3		
Sample Location	Outdoor Reference			Living Room			Den		
Sample Type (Device)	Air (Allergenco-D)			Air (Allergenco-D)			Air (Allergenco-D)		
Air Volume	75 L			75 L			75 L		
Total Concentration (counts/m³)**	14,000 cts/m³			3,500 cts/m³			1,800 cts/m³		
Mycologix Profile™ 1, 2 and 3	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%
1. Common Dominant Spores:	DL = 53; LQL = 1100 cts/m³			DL = 53; LQL = 1100 cts/m³			DL = 53; LQL = 1100 cts/m³		
Ascospores (O)	128	1,700	12	28	370	11	16	210	12
Basidiospores, Heterogeneous (O)	500	6,700	49	144	1,900	54	48	640	37
Cladosporium, Group H (O)	108	1,400	10	4	53	2			
Aspergillus/Penicillium-like, DOT (O)	143	1,900	14						
#Cluster-Chain-Loose Spore Profile™	100% - 0% - 0%								
Basidiospores, Homogeneous (I)									
Cladosporium, Group C (O,I)	104	1,400	10	52	690	20	16	210	12
Cladosporium, Group S (I)									
Aspergillus/Penicillium-like (I,O)	4	53	<1	28	370	11	48	640	37
## Cluster-Chain-Loose Spore Profile™	0% - 0% - 100%			0% - 0% - 100%			0% - 25% - 75%		
Cluster(s)									
2. Indoor Hydrophilic Fungi# :	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Stachybotrys (I)							1	13	<1
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)	2	27	<1	1	13	<1			
Alternaria (O,I)	4	53	<1	2	27	<1	1	13	<1
Cercospora (O)	5	67	<1						
Curvularia (O,I)	4	53	<1	1	13	<1			
Drechslera/Bipolaris (O)									
Epicoccum (O)	2	27	<1						
Fusarium (O,I)									
Myxomycetes/Smuts/Periconia (O,I)	12	160	1	5	67	2	2	27	2
Pithomyces (O)	2	27	<1	1	13	<1			
Rusts (O)	1	13	<1						
Unknown (O,I)	2	27	<1						
Skin Cells Rating	None			Low			Low		
Debris Rating	2 (6 - 25%)			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.

Analysis: AccuScience Premium Fungal Spore Count™ (FD-01HP)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project
Date Sampled: 7/1/1901

QLab Job No.: CH01-0701-02
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Date Reported: 7/3/1901

Sample Report

Lab Sample No.	CH01-0701-02(4)			CH01-0701-02(5)			CH01-0701-02(6)		
Sample ID	A4			A5			A6		
Sample Location	Bedroom			Master Bedroom			Basement		
Sample Type (Device)	Air (Allergenco-D)			Air (Allergenco-D)			Air (Allergenco-D)		
Air Volume	75 L			75 L			75 L		
Total Concentration (counts/m³)**	2,500 cts/m³			4,100 cts/m³			9,900 cts/m³		
Mycologix Profile™ 1, 2 and 3	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%	cts/smp*	counts/m³	%
1. Common Dominant Spores:	DL = 53; LQL = 1100 cts/m³			DL = 53; LQL = 1100 cts/m³			DL = 53; LQL = 1100 cts/m³		
Ascospores (O)									
Basidiospores, Heterogeneous (O)	12	160	7	8	110	3	4	53	<1
Cladosporium, Group H (O)									
Aspergillus/Penicillium-like, DOT (O)									
<i>#Cluster-Chain-Loose Spore Profile™</i>									
Basidiospores, Homogeneous (I)				28	370	9	168	2,200	22
Cladosporium, Group C (O,I)	12	160	7						
Cladosporium, Group S (I)				48	640	16	128	1,700	17
Aspergillus/Penicillium-like (I,O)	156	2,100	85	221	2,900	71	427	5,700	58
<i>### Cluster-Chain-Loose Spore Profile™</i>	0% - 21% - 79%			13% - 34% - 53%			22% - 29% - 49%		
<i>Cluster(s)</i>				2 cluster(s) of 14, 15 spores			4 cluster(s) of 14, 23, 13, 45 spores		
2. Indoor Hydrophilic Fungi[#]:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Stachybotrys (I)	1	13	<1	2	27	<1	4	53	<1
Chaetomium (I)							2	27	<1
Ulocladium (I)				1	13	<1	3	40	<1
Memnoniella (I)									
Trichoderma (I)									
Scopulariopsis (I)							1	13	<1
3. Others:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Hyphal fragment (O,I)	1	13	<1	2	27	<1	7	93	<1
Alternaria (O,I)				1	13	<1			
Cercospora (O)									
Curvularia (O,I)									
Drechslera/Bipolaris (O)									
Epicoccum (O)									
Fusarium (O,I)									
Myxomycetes/Smuts/Periconia (O,I)							2	27	<1
Pithomyces (O)	1	13	<1						
Rusts (O)									
Unknown (O,I)									
Skin Cells Rating	Medium			Medium			Medium		
Total Debris Coverage	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.

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Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project
Date Sampled: 7/1/1901

QLab Job No.: CH01-0701-02
Date Received: 7/1/1901
Date Analyzed: 7/2/1901
Date Reported: 7/3/1901

Sample Report

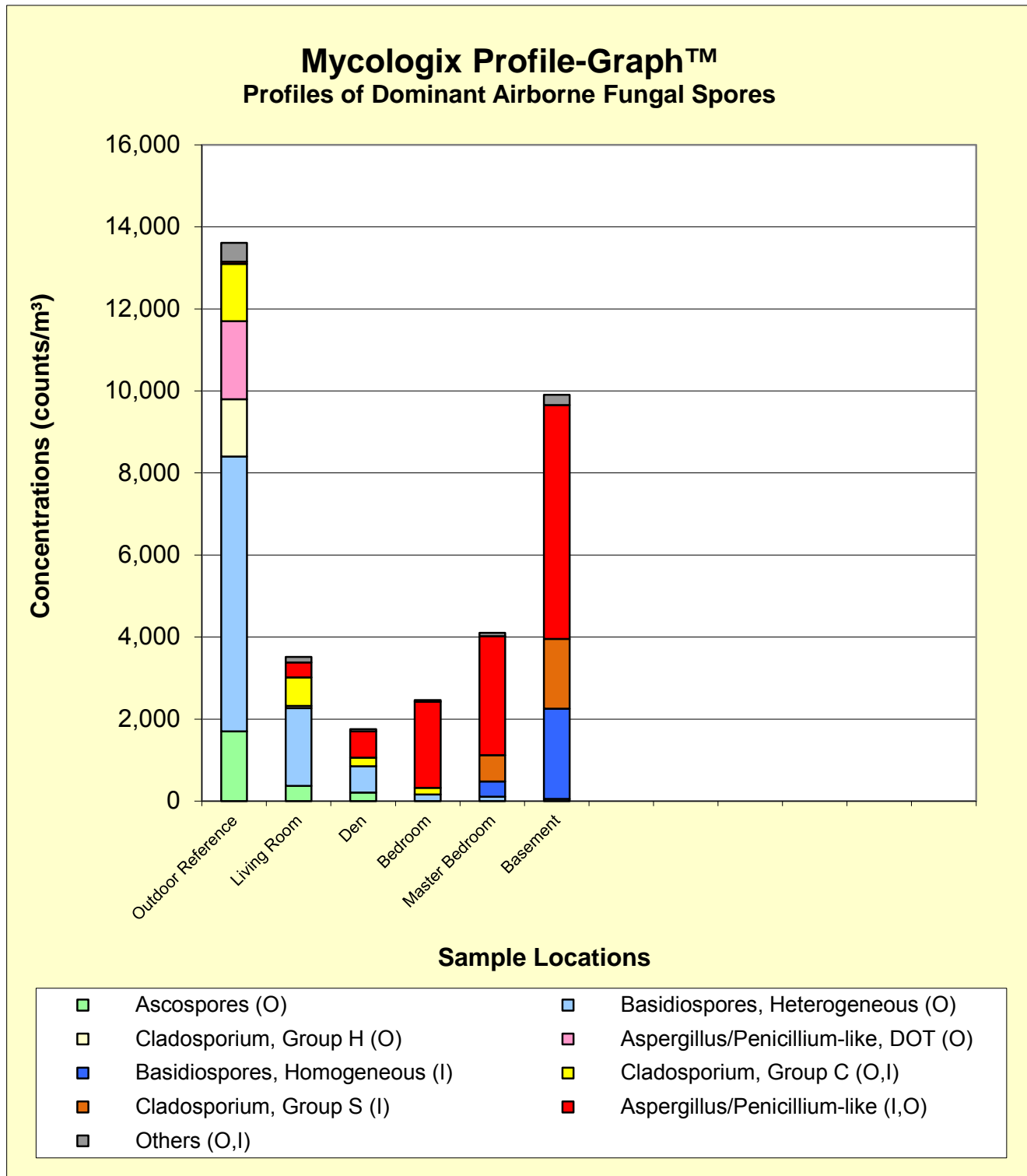
Reviewed by: WT

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



Please see original data for complete interpretation.

***** Mycologix Indoor/Outdoor Spore Types Differentiation™ *****



Analysis: AccuScience Premium Fungal Spore Count™ (FD-01HP)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project
Date Sampled: 7/1/1901

QLab Job No.: CH01-0701-02
Date Received: 7/1/1901
Date Analyzed: 7/2/1901
Date Reported: 7/3/1901

Sample Report

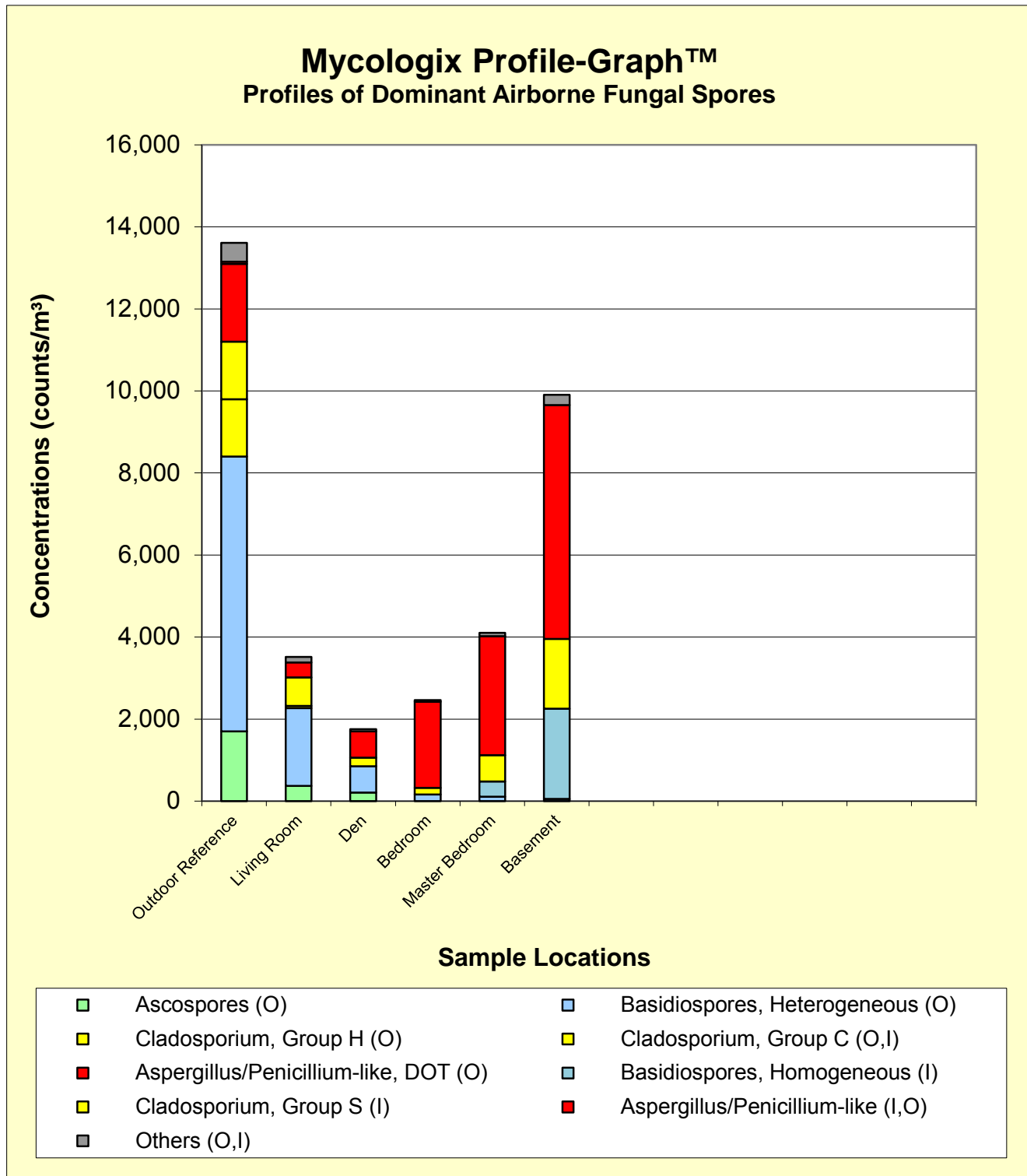
Reviewed by: WT

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



Please see original data for complete interpretation.

***** No Indoor/Outdoor Spore Types Differentiation *****





AccuScience™
Lab Report

QLab, 5 Allison Drive, Cherry Hill, NJ 08003
856.489.0011 www.QLABusa.com
AIHA EMPAT Lab ID: 178794

Analysis: AccuScience Premium Direct Exam (FD-02HP)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project

QLab Job No.: CH01-0701-02
Date Sampled: 7/1/1901
Date Received: 7/1/1901
Date Reported: 7/3/1901

Sample Report

Reviewed by: WT

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

Lab Sample No.	CH01-0701-02(1)		CH01-0701-02(2)		CH01-0701-02(3)	
Sample ID	T1		T2		T3	
Sample Location	Basement, East Stud		Basement, West Stud		Basement, South Stud	
Sample Type (Device)	Surface (Gel-Tape)		Surface (Gel-Tape)		Surface (Gel-Tape)	
Date Analyzed	7/2/1901		7/2/1901		7/2/1901	
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						
Pithomyces						
Curvularia						
Epicoccum						
Myxomycetes/smuts/Periconia						
Basidiomycetes						
Unidentifiable w/o culturing						
Summary						
	(2) Overall Coverage		(2) Overall Coverage		(2) Overall Coverage	
Sample Size Examined	1 - 2 in ²		1 - 2 in ²		1 - 2 in ²	
Mycologix™ Fungal Biomass Level#	1: Normal Background		2A: Settled Biomass		3C: Heavy Growth	
Mold/Yeast Growth Observed	No		Settled or Residual		Yes	
Sample Mold/Yeast Coverage**	Trace: < 3%		Low: 3 - 10%		High: > 50%	
Sample Debris Coverage**	High: > 50%		Medium: 10 - 50%		Low: 3 - 10%	
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™
Lab Report

QLab, 5 Allison Drive, Cherry Hill, NJ 08003
856.489.0011 www.QLABusa.com
AIHA EMPAT Lab ID: 178794

Analysis: AccuScience Premium Quantitative Direct Exam™
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project

QLab Job No.: CH01-0701-02
Date Sampled: 7/1/1901
Date Received: 7/1/1901
Date Reported: 7/3/1901

Sample Report

Reviewed by: WT

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

Lab Sample No.	CH01-0701-02(1)			CH01-0701-02(2)			CH01-0701-02(3)		
Sample ID	S1			S2			S3		
Sample Location	Basement, East Stud			Basement, West Stud			Basement, South Stud		
Sample Type (Device)	Surface (Sponge-Swab)			Surface (Sponge-Swab)			Surface (Sponge-Swab)		
Date Analyzed	7/2/1901			7/2/1901			7/2/1901		
Amount of Sample Prepared	16 in ²			16 in ²			16 in ²		
Detection Limit (DL)	63 or 130 cts./in ²			63 or 130 cts./in ²			63 or 610 cts./in ²		
Dilution Factor	1,000			1,000			1,000		
Total Concentration	880 cts./in ²			4,100 cts./in ²			270,000 cts./in ²		
Identification	counts*	cts./in ²	%	counts	cts./in ²	%	counts	cts./in ²	%
Small Spores (Cells):	DL = 130 cts./in ²			DL = 130 cts./in ²			DL = 610 cts./in ²		
ascospores									
basidiospores									
Cladosporium				28	1,800	44	2,352	150,000	55
Aspergillus/Penicillium-like ##	14	880	100	37	2,300	56	1,470	92,000	34
Major Hydrophilic Fungi	DL = 63 cts./in ²			DL = 63 cts./in ²			DL = 63 cts./in ²		
Stachybotrys							278	17,000	6
Chaetomium							114	7,100	3
Ulocladium									
Others:	DL = 63 cts./in ²			DL = 63 cts./in ²			DL = 63 cts./in ²		
hyphal fragment							115	7,200	3
Alternaria									
Curvularia									
Drechslera/Bipolaris									
Epicoccum									
Myxomycetes/smuts/Periconia									
Pithomyces									
unidentifiable without culturing									
Note									

*: counts: total number of structures on the subsample prepared. **: 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 fungi (min Aw >0.89). Absence of Water-Damage Indicator does not exclude the possibility of a water damage history. ##: Includes Aspergillus, Penicillium, Acremonium, yeasts and others fungal cells with similar morphology



AccuScience™
Lab Report

QLab, 5 Allison Drive, Cherry Hill, NJ 08003
856.489.0011 www.QLABusa.com
AIHA EMPAT Lab ID: 178794

Analysis: Culturable Fungi Analysis (FC-11-MEA)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project

QLab Job No.: CH01-0701-02
Date Sampled: 7/1/1901
Date Received: 7/1/1901
Date Reported: 7/9/1901

Sample Report

Reviewed by: WT

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

Lab Sample No.	CH01-0701-02(1)			CH01-0701-02(2)			CH01-0701-02(3)		
Sample ID	A7			A8			A9		
Sample Location	Outdoor Reference			Living Room			Basement		
Sample Type (Device)	Air (Andersen)			Air (Andersen)			Air (Andersen)		
Medium, Temperature	MEA, 25°C			MEA, 25°C			MEA, 25°C		
Date Analyzed	7/8/1901			7/8/1901			7/8/1901		
Air Volume (L)	84.9			84.9			84.9		
Total Concentration (CFU/m ³)*	270			380			620		
Identification	count	CFU/m ³	%	count	CFU/m ³	%	count	CFU/m ³	%
Common Dominant Fungi:									
Basidiomycetes	8	94	35	1	12	3			
Cladosporium	5	59	22	2	24	6			
Penicillium	2	24	9	24	280	74	42	490	79
Aspergillus versicolor				2	24	6	3	35	6
Aspergillus sydowii				1	12	3	2	24	4
Aspergillus niger							1	12	2
Aspergillus ustus									
Aspergillus fumigatus	1	12	4						
Major Hydrophilic Fungi:**									
Acremonium									
Aureobasidium							1	12	2
Chaetomium				1	12	3	1	12	2
Stachybotrys							1	12	2
Ulocladium									
Trichoderma [Spreader]***									
Mucor [Spreader]***									
Rhodotorula (yeast)									
Yeast, non-specified									
Others:									
Alternaria	1	12	4						
Curvularia	2	24	9						
Epicoccum	1	12	4						
Phoma									
Pithomyces	1	12	4						
Non-sporulating fungi	2	24	9	1	12	3	2	24	4
Note									

*: 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 fungi, minimal Aw ≥ 0.89. Absence of hydrophilic fungi does not exclude the possibility of a water damage history. *** Spreader: Trichoderma, Rhizopus, Mucor & Chrysonilia are fast growing fungi on MEA agar plate, which may inhibit the growth of other fungi on the same plate.



AccuScience™
Lab Report

QLab, 5 Allison Drive, Cherry Hill, NJ 08003
856.489.0011 www.QLABusa.com
AIHA EMPAT Lab ID: 178794

Analysis: Culturable Fungi Analysis (FC-12MEA)
Client: Sample Company
Cherry Hill, NJ
Contact: Doe, John
Project ID: Sample Project

QLab Job No.: CH01-0701-02
Date Sampled: 7/1/1901
Date Received: 7/1/1901
Date Reported: 7/9/1901

Sample Report

Reviewed by: WT

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

Lab Sample No.	CH01-0701-02(1)			CH01-0701-02(2)			CH01-0701-02(3)		
Sample ID	S1			S2			S3		
Sample Location	Basement, East Stud			Basement, West Stud			Basement, South Stud		
Sample Type (Device)	Surface (Sponge-Swab)			Surface (Sponge-Swab)			Surface (Sponge-Swab)		
Media, Temperature	3 MEA, 1 Tang MEA, 1 CMA, 1 DG18, 25°C			3 MEA, 1 Tang MEA, 1 CMA, 1 DG18, 25°C			3 MEA, 1 Tang MEA, 1 CMA, 1 DG18, 25°C		
Date Analyzed	7/8/1901			7/8/1901			7/8/1901		
Amount of Sample Prepared	16 in ²			16 in ²			16 in ²		
Dilution Factor	200			2,000			20,000		
Detection Limit (DL), MEA	DL = 13 CFU/in ²			DL = 130 CFU/in ²			DL = 1300 CFU/in ²		
Culturable Fungi Conc.*	180 CFU/in²			1,600 CFU/in²			41,000 CFU/in²		
Identification	count	CFU/in ²	%	count	CFU/in ²	%	count	CFU/in ²	%
Major Hydrophilic Fungi**									
Acremonium									
Aureobasidium									
Chaetomium									
Stachybotrys							3	3,800	9
Ulocladium							2	2,500	6
Yeast, non-specified									
Rhodotorula (yeast)									
Sporobolomyces (yeast)									
Trichoderma [Spreader]***							1	1,300	3
Rhizopus [Spreader]***									
Other Fungi									
Cladosporium				3	380	23	3	3,800	9
Penicillium	9	110	64	7	880	54	12	15,000	36
Aspergillus versicolor	5	63	36	2	250	15	6	7,500	18
Aspergillus sydowii							3	3,800	9
Aspergillus ustus									
Aspergillus niger							2	2,500	6
Aspergillus fumigatus									
Aspergillus ochraceus							1	1,300	3
Alternaria									
Epicoccum									
Pithomyces									
Curvularia									
Ascomycetes									
Basidiomycetes									
Non-sporulating fungi									
Xerophilic Fungi Screening									
DG18 (and/or MEA) Dilution Factor:	2000 (DL = 130 CFU/in ²)			2000 (DL = 130 CFU/in ²)			2000 (DL = 130 CFU/in ²)		
	ND			1 130 8			ND		
Note									

*: All concentrations (conc.) 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 fungi, minimal Aw ≥ 0.89. Absence of hydrophilic fungi does not exclude the possibility of a water damage history. *** Spreader: Trichoderma, Rhizopus, Mucor & Chrysonilia are fast growing fungi on MEA agar plate, which may inhibit the growth of other fungi on the same plate. ND: Not detected