

Analysis: High Performance Spore Count™ (FD-01HP)

Client: Sample Company
Cherry Hill, NJ

Contact: Doe, John

Project ID: Sample Project

Date Sampled: 7/1/2001

QLab Job No.: CH01-0701-01

Date Received: 7/1/2001

Date Analyzed: 7/1/2001

Date Reported: 7/1/2001

Reviewed by: WT

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

Lab Sample No.	CH01-0701-01(1)			CH01-0701-01(2)			CH01-0701-01(3)		
Sample ID	A-1			A-2			A-3		
Sample Location	Outdoor			Living Room			Kitchen		
Sample Type (Device)	Air (Air-O-Cell)			Air (Air-O-Cell)			Air (Air-O-Cell)		
Air Volume	75 L			75 L			75 L		
Total Concentration (counts/m³)**	15,000 cts/m³			3,700 cts/m³			3,000 cts/m³		
MoldSense 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	204	2,700	18	48	640	17	44	590	20
basidiospores	608	8,100	53	92	1,200	32	48	640	22
Cladosporium, Group H (O)	188	2,500	16	16	210	6			
Cladosporium, Group C (O,I)	96	1,300	8	88	1,200	32	48	640	22
Cladosporium, Group S (I)									
Aspergillus/Penicillium-like	42	560	4	32	430	11	76	1,000	34
<small>## Cluster-Chain-Loose Spore Profile™</small>	43% - 0% - 57%			0% - 0% - 100%			0% - 16% - 84%		
<small>Cluster(s)</small>	1 cluster of 18 spores								
2. Indoor Hydrophilic Fungi#:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Stachybotrys									
Chaetomium									
Ulocladium									
Memnoniella									
Trichoderma									
Scopulariopsis									
3. Others:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
hyphal fragment	4	53	<1	2	27	<1	6	80	3
Alternaria	2	27	<1	1	13	<1			
Cercospora									
Curvularia	3	40	<1	1	13	<1			
Drechslera/Bipolaris									
Epicoccum									
Fusarium									
Myxomycetes/smuts/Periconia	6	80	<1	1	13	<1	1	13	<1
Pithomyces									
rust	1	13	<1						
unknown									
Skin Cells Rating	Trace			Low			Medium		
Total Debris Coverage	≤ 25%			≤ 25%			≤ 25%		
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

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Lab Sample No.	CH01-0701-01(4)			CH01-0701-01(5)			CH01-0701-01(6)		
Sample ID	A-4			A-5			A-6		
Sample Location	Bedroom			Master Bedroom			Basement		
Sample Type (Device)	Air (Air-O-Cell)			Air (Air-O-Cell)			Air (Air-O-Cell)		
Air Volume	75 L			75 L			75 L		
Total Concentration (counts/m³)**	3,000 cts/m³			3,300 cts/m³			7,500 cts/m³		
MoldSense 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	4	53	2						
basidiospores	48	640	22	8	110	3			
Cladosporium, Group H (O)									
Cladosporium, Group C (O,I)	24	320	11						
Cladosporium, Group S (I)	12	160	5	40	530	16	96	1,300	17
Aspergillus/Penicillium-like	128	1,700	58	195	2,600	78	442	5,900	79
### Cluster-Chain-Loose Spore Profile™	0% - 44% - 56%			8% - 51% - 41%			9% - 41% - 50%		
Cluster(s)				1 cluster of 15 spores			2 clusters of 12, 26 spores		
2. Indoor Hydrophilic Fungi*:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
Stachybotrys	1	13	<1	3	40	1	12	160	2
Chaetomium				1	13	<1	3	40	<1
Ulocladium									
Memnoniella									
Trichoderma									
Scopulariopsis									
3. Others:	DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³			DL = 13; LQL = 270 cts/m³		
hyphal fragment	1	13	<1	2	27	<1	8	110	1
Alternaria	1	13	<1						
Cercospora									
Curvularia	1	13	<1						
Drechslera/Bipolaris									
Epicoccum									
Fusarium									
Myxomycetes/smuts/Periconia	2	27	<1						
Pithomyces									
rust									
unknown									
Skin Cells Rating	Medium			Medium			Low		
Total Debris Coverage	≤ 25%			26 - 50%			51 - 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

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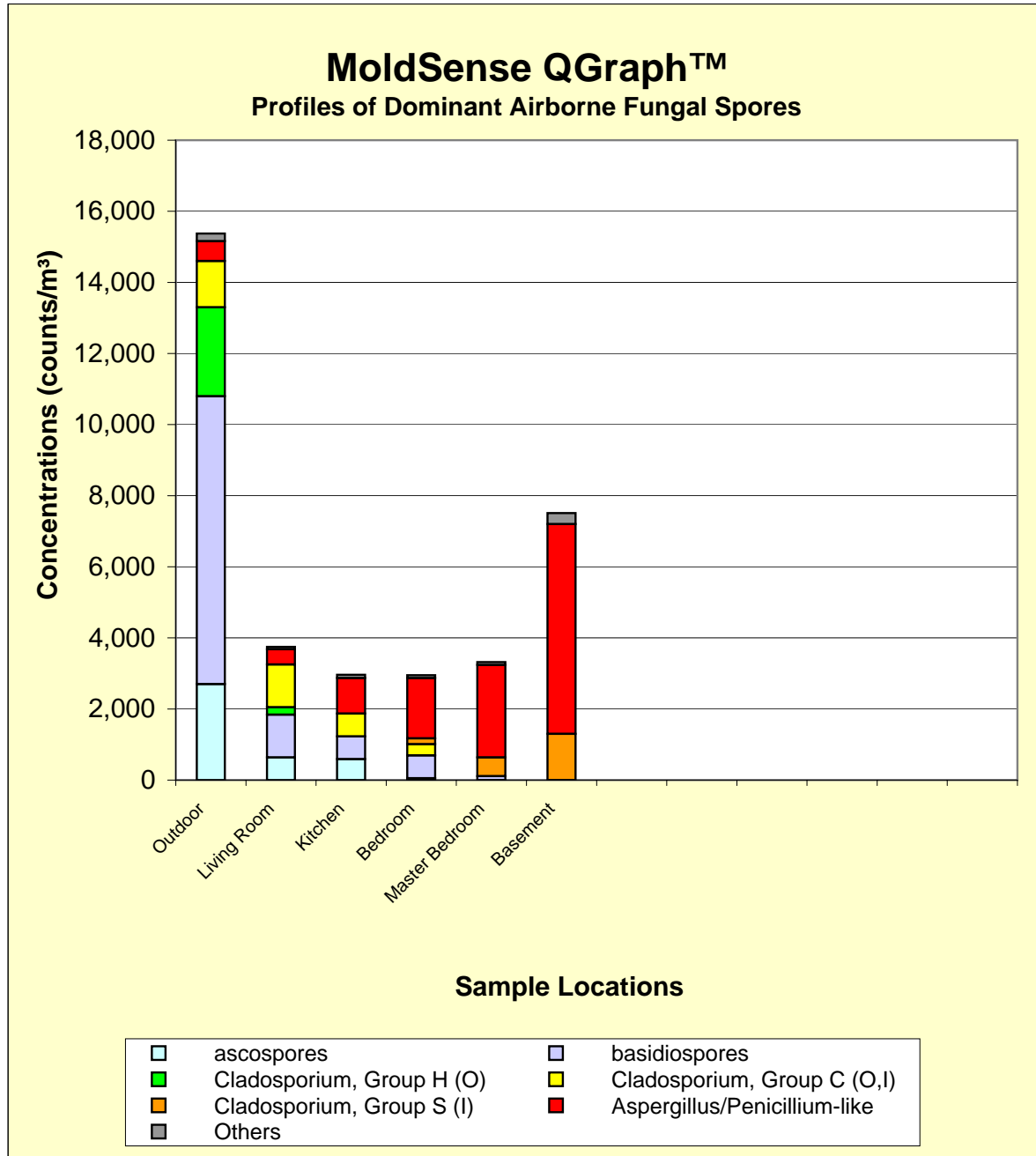
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Please see the original data for complete interpretation.



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