

Client: EMLab P&K (QA)
 C/O: Mr. Quality Control
 Re: Sample Report

Date of Sampling: 01-11-2013
 Date of Receipt: 01-11-2013
 Date of Report: 01-11-2013

MoldSCORE™: Spore Trap Report

Outdoor Sample: 1 Outside Reference

Fungi Identified	Outdoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria	█				1	13
Bipolaris/Drechslera group					ND	< 13
Chaetomium					ND	< 13
Cladosporium	██████████				22	1,200
Curvularia					ND	< 13
Epicoccum	█				1	13
Fusarium	█				1	13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†	██████				12	640
Stachybotrys					ND	< 13
Torula					ND	< 13
Ulocladium	█				1	13
Seldom found growing indoors**						
Ascospores	████				6	320
Basidiospores	██████				14	750
Botrytis	█				2	27
Pyricularia	█				1	13
Rusts	█				1	13
Smuts, Periconia, Myxomycetes	█				3	40
Total						3,027

Location: 2

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
Generally able to grow indoors*						
Alternaria					ND	< 13
Bipolaris/Drechslera group					ND	< 13
Chaetomium	█				2	27
Cladosporium	██████████				47	2,500
Curvularia					ND	< 13
Nigrospora					ND	< 13
Penicillium/Aspergillus types†	██████████				39	2,100
Stachybotrys	█				4	53
Torula					ND	< 13
Seldom found growing indoors**						
Ascospores	█				1	53
Basidiospores	█				2	110
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes	█				1	13
Total						4,840

MoldSCORE‡		Score
100	200	
█		100
█		100
█		143
█	█	179
█		100
█		100
█	█	271
█	█	181
█		100
█		100
█		100
█		100
Final MoldSCORE		271

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Location: 3

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3	MoldSCORE‡			
	<100	1K	10K	>100K			100	200	300	Score
Generally able to grow indoors*										
Alternaria					1	13				
Bipolaris/Drechslera group					ND	< 13				
Chaetomium					ND	< 13				
Cladosporium					9	480				
Curvularia					ND	< 13				
Nigrospora					ND	< 13				
Penicillium/Aspergillus types†					11	590				
Stachybotrys					ND	< 13				
Torula					ND	< 13				
Seldom found growing indoors**										
Ascospores					1	53				
Basidiospores					4	210				
Rusts					ND	< 13				
Smuts, Periconia, Myxomycetes					3	40				
Total						1,387	Final MoldSCORE 147			

* The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

** These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.