

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		
<b>Generally able to grow indoors*</b>						
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
<b>Seldom found growing indoors**</b>						
Ascospores	█	█	█		6	320
Basidiospores	█	█	█		14	750
Botrytis	█				2	27
Pyricularia	█				1	13
Rusts	█				1	13
Smuts, Periconia, Myxomycetes	█				3	40
<b>Total</b>						<b>3,027</b>

**Location:** 2

Fungi Identified	Indoor sample spores/m3				Raw count	Spores/m3
	<100	1K	10K	>100K		
<b>Generally able to grow indoors*</b>						
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
<b>Seldom found growing indoors**</b>						
Ascospores	█				1	53
Basidiospores	█				2	110
Rusts					ND	< 13
Smuts, Periconia, Myxomycetes	█				1	13
<b>Total</b>						<b>4,840</b>

MoldSCORE‡		Score
100	200	
█		100
█		100
█		143
█	█	179
█		100
█		100
█	█	271
█	█	181
█		100
█		100
█		100
█		100
<b>Final MoldSCORE</b>		<b>271</b>

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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
<b>Generally able to grow indoors*</b>										
Alternaria	█				1	13	█			103
Bipolaris/Drechslera group					ND	< 13	█			100
Chaetomium					ND	< 13	█			100
Cladosporium	█	█			9	480	█			100
Curvularia					ND	< 13	█			100
Nigrospora					ND	< 13	█			100
Penicillium/Aspergillus types†	█	█			11	590	█	█		147
Stachybotrys					ND	< 13	█			100
Torula					ND	< 13	█			100
<b>Seldom found growing indoors**</b>										
Ascospores	█				1	53	█			100
Basidiospores	█				4	210	█			100
Rusts					ND	< 13	█			100
Smuts, Periconia, Myxomycetes	█				3	40	█			104
<b>Total</b>						<b>1,387</b>	<b>Final MoldSCORE 147</b>			

\* 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.