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Collected: 01/01/2015
Received: 01/02/2015
Analyzed: 01/02/2015

Proj: A mold assessment

Spore Trap ASSESSMENTREPORT™ Air-O-Cell™ Analysis of Fungal Spores & Particulates (Methods: EPA-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m³)	% of Total	Interpretation Guideline
37140000-0001	Alternaria	-	-	-	
	Ascospores	1	20	0.0	Acceptable
Client Sample ID	Aspergillus/Penicillium	1850	37900	99.9	ELEVATED
AOC-01	Basidiospores	2	40	0.1	Acceptable
	Bipolaris++	-	-	-	Acceptable
	Chaetomium	1*	7*	0	Slightly Elevated
Location	Cladosporium	7	100	0.3	Slightly Elevated
Basement	Curvularia	-	-	-	
	Epicoccum	1*	7*	0	Acceptable
Sample Volume (L)	Fusarium	-	-	-	
	Ganoderma	-	-	-	
150	Myxomycetes++	2*	10*	0	Slightly Elevated
	Pithomyces	-	-	-	
Sample Type	Rust	-	-	-	Acceptable
Inside	Scopulariopsis	-	-	-	Acceptable
	Stachybotrys	-	-	-	
Comments	Torula	-	-	-	
Aspergillus conidiophores present in sample.	Ulocladium	-	-	-	
	Unidentifiable spores	-	-	-	Acceptable
	Zygomycetes	-	-	-	
	Arthrospira	3*	20*	0.1	Slightly Elevated
	Total	1867	38104	100	ELEVATED
	Unidentified Fragment	-	-	-	Acceptable
		-	-	-	
		-	-	-	
Analytical Sensitivity: 1000 counts/cubic meter		Skin Fragments: 1			1 to 4 (low to high)
Analytical Sensitivity: 1000 counts/cubic meter		Fibrous Particulate: 1			1 to 4 (low to high)
		Background: 2			1 to 4 (low to high); 5 (overloaded)

Acceptable Concentration at or below background
Slightly Elevated Concentration slightly above background
ELEVATED Concentration 10X or more above background

Not commonly found growing indoors, spores likely come from outside.
 Spores reported to be able to cause allergies in individuals.
 Potential for mycotoxin production exists with these fungi.
 These fungi are considered water damage indicators.

Bipolaris++ = Bipolaris / Drechslera / Exserohilum
Myxomycetes++ = Myxomycetes / Smut / Periconia

Initial report from: 01/02/2014 12:32:51

Farbod Nekouei, M.S., Laboratory Manager
or Other Approved Signatory

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "N/A" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC—EMLAP Lab 100194

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com