



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com> / cinnmicrolab@emsl.com

Order ID: 371500000
Customer ID:
Customer PO: 0008
Project ID:

Attn: Contact Name Phone: (800) 123-1234
Company Name, Inc. Fax: (800) 123-1235
Address Collected: 01/01/2015
Address Received: 01/02/2015
City, State Zip Analyzed: 01/02/2015

Proj: A mold assessment

Spore Trap ASSESSMENT Report™ Air-O-Cell™ Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
37140000-0001	Alternaria	-	-	-	
	Ascospores	1	20	0.1	Acceptable
Client Sample ID	Aspergillus/Penicillium	1850	37900	99.5	ELEVATED
AOC-01	Basidiospores	2	40	0.1	Acceptable
	Bipolaris++	-	-	-	Acceptable
Location	Chaetomium	1*	7*	0	Slightly Elevated
	Cladosporium	7	100	0.3	Slightly Elevated
Basement	Curvularia	-	-	-	
	Epicoccum	1*	7*	0	Acceptable
	Fusarium	-	-	-	
Sample Volume (L)	Ganoderma	-	-	-	
	150	Myxomycetes++	2*	10*	0
Sample Type	Pithomyces	-	-	-	
	Inside	Rust	-	-	Acceptable
Comments	Aspergillus conidiophores present in sample.	Scopulariopsis	-	-	Acceptable
		Stachybotrys	-	-	
		Torula	-	-	
		Ulocladium	-	-	
		Unidentifiable Spores	-	-	Acceptable
		Zygomycetes	-	-	
	Arthrinium	3*	20*	0.1	Slightly Elevated
	Total Fungi	1867	38104	100	ELEVATED
	Hyphal Fragment	-	-	-	Acceptable
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

Analytical Sensitivity 600x: 21 counts/cubic meter
Analytical Sensitivity 300x *: 7* counts/cubic meter

Skin Fragments: 1 1 to 4 (low to high)
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 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
Mvxomvcetes++ = Mvxomvcetes / Smut / Periconia

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

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

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. "*" 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



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Spore Trap ASSESSMENT Report™ Air-O-Cell™ Analysis of Fungal Spores & Particulates (Methods EMSL 05-TP-003, ASTM D7391)

Particle Identification	Raw Count	(Count/m³)	% of Total	Interpretation Guideline	
37140000-0002	Alternaria	-	-		
	Ascospores	-	-	Acceptable	
Client Sample ID	Aspergillus/Penicillium	2000	41000	92.5	ELEVATED
AOC-02	Basidiospores	7	100	0.2	Acceptable
	Bipolaris++	-	-	-	Acceptable
	Chaetomium	-	-	-	
Location	Cladosporium	156	3200	7.2	ELEVATED
Top bedroom	Curvularia	-	-	-	
	Epicoccum	-	-	-	Acceptable
Sample Volume (L)	Fusarium	-	-	-	
	Ganoderma	-	-	-	
150	Myxomycetes++	1	20	0	Slightly Elevated
	Pithomyces	-	-	-	
Sample Type	Rust	1	20	0	Slightly Elevated
Inside	Scopulariopsis	-	-	-	Acceptable
	Stachybotrys	-	-	-	
Comments	Torula	-	-	-	
Penicillium conidiophores present in sample.	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	Acceptable
	Zygomycetes	-	-	-	
	Arthrinium	-	-	-	
	Total Fungi	2165	44340	100	ELEVATED
	Hyphal Fragment	5*	30*	0.1	Slightly Elevated
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

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37140000-0003	Alternaria	-	-	-	
	Ascospores	12*	80*	3.9	
Client Sample ID	Aspergillus/Penicillium	8	200	9.8	
AOC-03	Basidiospores	79	1600	78	
	Bipolaris++	2	40	2	
	Chaetomium	-	-	-	
Location	Cladosporium	3	60	2.9	
Outside-North Side of Bldg	Curvularia	-	-	-	
	Epicoccum	-	-	-	
Sample Volume (L)	Fusarium	-	-	-	
150	Ganoderma	-	-	-	
	Myxomycetes++	-	-	-	
	Pithomyces	-	-	-	
Sample Type	Rust	-	-	-	
Background	Scopulariopsis	1	20	1	
	Stachybotrys	-	-	-	
Comments	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	8*	50*	2.4	
	Zygomycetes	-	-	-	
	Arthrinium	-	-	-	
	Total Fungi	113	2050	100	
	Hyphal Fragment	1*	7*	0.3	
	Insect Fragment	-	-	-	
	Pollen	-	-	-	

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