



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (856) 858-4800 / (856) 858-0648
<http://www.emsl.com> / cinnmicrolab@emsl.com

EMSL Order ID: 991200015
Customer ID: DOUG
Customer PO:
Project ID:

Attn: Contact Name
Client Business Name
123 STREET
Address Line 2
Cinnaminson, NJ 08077

Phone: (999) 999-9999
Fax: (800) 555-1212
Collected:
Received: 12/06/2012
Analyzed: 12/06/2012

Proj: Sample Reports

Spore Trap ASSESSMENTReport™ 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
991200015-0002	Alternaria	-	-	-	
Client Sample ID A2	Ascospores	21	890	8.3	☑ ☀
	Aspergillus/Penicillium	213	8990	83.9	☐ ☀
Location Kitchen	Basidiospores	14	590	5.5	☑ 🌲 ☀
	Bipolaris++	-	-	-	
Sample Volume (L) 75	Chaetomium	2	80	0.8	⚠ ☀ ☒ 💧
	Cladosporium	-	-	-	☑ ☀
Sample Type Inside	Curvularia	1	40	0.4	☑ 🌲 ☀
	Epicoccum	-	-	-	
Comments	Fusarium	-	-	-	☑
	Ganoderma	-	-	-	☑
	Myxomycetes++	-	-	-	
	Pithomyces	-	-	-	☑
	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Stachybotrys	3	100	1.2	⚠ ☀ ☒ 💧
	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
	Spegazzinia	-	-	-	☑
	Total Fungi	254	10690	100	☐
	Hyphal Fragment	4	200	-	⚠
	Insect Fragment	-	-	-	
	Pollen	-	-	-	☑

Analytical Sensitivity 600x: 42 counts/cubic meter
Analytical Sensitivity 300x *: 13* 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)

- No discernable field blank was submitted with this group of samples.
- ☑ Concentration at or below background
- ⚠ Concentration above background
- ☐ 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/Dreschlera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

A. Manager, Laboratory Manager
or Other Approved Signatory

Initial report from: 12/06/2012 13:25:10

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 Test Lab Cinnaminson, NJ Accreditation This report was generated in the EMSL Test Lab (99) using representative test data and is solely for the purpose of software validation and

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



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	Particle Identification	Raw Count	(Count/m ³)	% of Total	Interpretation Guideline
991200015-0003	Alternaria	-	-	-	
Client Sample ID A3	Ascospores	2	80	2	☑ ☀
	Aspergillus/Penicillium	56	2400	56.6	⚠ ☀ ☀
	Basidiospores	17	720	17.2	☑ 🌲 ☀
Location Child's Bedroom	Bipolaris++	-	-	-	
	Chaetomium	-	-	-	
	Cladosporium	21	890	21.2	☑ 🌲 ☀
Sample Volume (L) 75	Curvularia	-	-	-	☑
	Epicoccum	-	-	-	
	Fusarium	-	-	-	☑
Sample Type Inside	Ganoderma	2	80	2	☑ 🌲 ☀
	Myxomycetes++	-	-	-	
	Pithomyces	-	-	-	☑
Comments	Rust	-	-	-	
	Scopulariopsis	-	-	-	
	Stachybotrys	1	40	1	⚠ ☀ ☀ ☀
	Torula	-	-	-	
	Ulocladium	-	-	-	
	Unidentifiable Spores	-	-	-	
	Zygomycetes	-	-	-	
Spegazzinia	-	-	-	☑	
Total Fungi	99	4210	100	☐	
	Hyphal Fragment	-	-	-	☑
	Insect Fragment	-	-	-	
	Pollen	-	-	-	☑

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