



EMSL Analytical, Inc.

2001 East 52nd St. Indianapolis, IN 46205

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Attn: Lars Knobloch
Nordic Home Inspection
1614 28th Avenue South
Fargo, ND 58103

EMSL Order: 161118178
Customer ID: NORD25
Collected: 5/10/2011
Received: 10/07/2011
Analyzed: 10/07/2011

Proj: 600

Test Report: Air-O - Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (EMSL Method 05-TP-003)

Lab Sample Number:	161118178-0001			161118178-0002			161118178-0003		
Client Sample ID:	16877480			16877486			16877462		
Volume (L):	150			150			150		
Sample Location:	Mud Room			Living Room			Bed Room		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	1*	7*	1.1	6	127	10.2	-	-	-
Ascospores	8	169	25.3	2	42	3.4	2	42	6.5
Aspergillus/Penicillium	-	-	-	10	211	16.9	21	443	68.5
Basidiospores	2	42	6.3	5	106	8.5	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	9	190	28.4	27	570	45.6	5	106	16.4
Curvularia	1	21	3.1	-	-	-	-	-	-
Epicoccum	1*	7*	1.1	-	-	-	1*	7*	1.1
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	2	42	6.3	8	169	13.5	1	21	3.3
Pithomyces	6	127	19	1	21	1.7	1*	7*	1.1
Rust	1	21	3.1	-	-	-	1	21	3.3
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	1*	7*	0.6	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	-	-	-	-	-	-
Nigrospora	1	21	3.1	-	-	-	-	-	-
Spegazzinia	1	21	3.1	-	-	-	-	-	-
Total Fungi	33	668	100	60	1250	100	32	647	100
Hyphal Fragment	2	42	-	1	21	-	-	-	-
Insect Fragment	1*	7*	-	1*	7*	-	1	21	-
Pollen	1	21	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	3	-	-	3	-	-	3	-

Initial report from: 10/07/2011 13:24:23

Bipolaris++ = Bipolaris/Dreschlera/Exserohilum

Myxomycetes++ = Myxomycetes/Periconia/Smut

No discernable field blank was submitted with this group of samples.

Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AIHA-LAP, LLC-EMLAP 157245

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 300 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.

Andrea Messner, Microbiology Lab Manager
or Other Approved Signatory

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



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Lab Sample Number:	161118178-0004			161118178-0005		
Client Sample ID:	16877470			16877525		
Volume (L):	150			150		
Sample Location:	Attic			Exterior		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	18	380	1.7
Ascospores	2	42	3.9	41	865	4
Aspergillus/Penicillium	14	295	27.1	11	232	1.1
Basidiospores	1	21	1.9	22	464	2.1
Bipolaris++	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-
Cladosporium	26	549	50.4	263	5550	25.3
Curvularia	-	-	-	-	-	-
Epicoccum	1	21	1.9	1*	7*	0
Fusarium	-	-	-	-	-	-
Ganoderma	-	-	-	2	42	0.2
Myxomycetes++	5	106	9.7	676	14300	65.3
Pithomyces	2	42	3.9	1	21	0.1
Rust	1*	7*	0.6	-	-	-
Scopulariopsis	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-
Torula	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-
Cercospora	-	-	-	2	42	0.2
Nigrospora	1*	7*	0.6	1*	7*	0
Spegazzinia	-	-	-	-	-	-
Total Fungi	53	1090	100	1038	21900	100
Hyphal Fragment	2	42	-	41	865	-
Insect Fragment	-	-	-	1	21	-
Pollen	-	-	-	2	42	-
Analyt. Sensitivity 600x	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-
Background (1-5)	-	2	-	-	3	-

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