



EMSL Analytical, Inc.

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EMSL Order: 072404233

Customer ID: XXXXXX

Customer PO: 050924-1

Project ID:

Attention: Tim Reed
Open Eye Home Inspections LLC
108 Thornwood Drive
Woodstock, GA 30188

Phone: (770) 905-9305
Fax:
Collected Date: 05/09/2024
Received Date: 05/09/2024 04:00 PM
Analyzed Date: 05/10/2024

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L): Sample Location:	072404233-0001 37777907 75 Outside			072404233-0002 37777921 75 Main Floor Bedroom			072404233-0003 37777905 75 Main Floor		
	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total
Spore Types									
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	103(1890)	83500	94.1	100(157)	6940	64.3	110(605)	26700	94.5
Aspergillus/Penicillium++	18	800	0.9	57	2500	23.2	17	750	2.7
Basidiospores	30	1300	1.5	23	1000	9.3	13	570	2
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	1	40	0.4	1	10*	0
Cladosporium	13	570	0.6	4	200	1.9	4	200	0.7
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	3	100	0.1	1	10*	0.1	1	10*	0
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	1	10*	0.1	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	2	90	0.8	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Acremonium++	52	2300	2.6	-	-	-	-	-	-
Chaetoconis	1	40	0	-	-	-	-	-	-
Pestalotia++	2	90	0.1	-	-	-	-	-	-
Total Fungi	2009	88700	100	246	10790	100	641	28240	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	1	10*	-
Pollen	1	10*	-	2	30*	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	2	-

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Daoxin Li, PH.D, Laboratory Manager
or other Approved Signatory

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

EMSL Analytical, Inc. maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL Analytical, Inc. EMSL Analytical, Inc. bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded). 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 >= 100 are extrapolated based on the percentage analyzed.

Samples analyzed by EMSL Analytical, Inc Smyrna, GAAIHA LAP, LLC-EMLAP Accredited #100662

Initial report from: 05/10/2024 11:11 AM

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



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Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number:	072404233-0004		
Client Sample ID:	37777957		
Volume (L):	75		
Sample Location:	Upstairs		
Spore Types	Raw Count†	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-
Ascospores	75	3300	48.8
Aspergillus/Penicillium++	20	880	13
Basidiospores	37	1600	23.7
Bipolaris++	-	-	-
Chaetomium++	1	40	0.6
Cladosporium	7	300	4.4
Curvularia	1	10*	0.1
Epicoccum	-	-	-
Fusarium++	-	-	-
Ganoderma	-	-	-
Myxomycetes++	12	530	7.8
Pithomyces++	-	-	-
Rust	3	100	1.5
Scopulariopsis/Microascus	-	-	-
Stachybotrys/Memnoniella	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Acremonium++	-	-	-
Chaetoconis	-	-	-
Pestalotia++	-	-	-
Total Fungi	156	6760	100
Hyphal Fragment	2	90	-
Insect Fragment	-	-	-
Pollen	2	90	-
Analyt. Sensitivity 600x	-	44	-
Analyt. Sensitivity 300x	-	13*	-
Skin Fragments (1-4)	-	2	-
Fibrous Particulate (1-4)	-	1	-
Background (1-5)	-	2	-

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