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EMSL Order: 372317838

Customer ID: DSTR75

Customer PO:

Project ID:

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Collected Date: 11/02/2023

Received Date: 11/02/2023 01:10 PM

Analyzed Date: 11/02/2023

Project: Towers of Wyncote Unit B104 Bldg 2

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

Lab Sample Number:	372317838-0001			372317838-0002			372317838-0003		
Client Sample ID:	3649-8086			3649-8082			3649-8094		
Volume (L):	150			150			150		
Sample Location:	Outside			Living Room			Bedroom		
Spore Types	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total
Alternaria (Ulocladium)	1*	7*	0.5	1	20	1.7	-	-	-
Ascospores	1	20	1.5	4	80	6.7	-	-	-
Aspergillus/Penicillium	10	210	15.4	8	200	16.7	4	80	17.8
Basidiospores	29	600	44.1	21	430	35.8	9	200	44.4
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	22	450	33.1	15	310	25.8	3	60	13.3
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	1*	7*	0.5	1	20	1.7	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	3	60	4.4	3	60	5	2	40	8.9
Pithomyces++	-	-	-	-	-	-	2*	10*	2.2
Rust	1*	7*	0.5	4	80	6.7	3	60	13.3
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	68	1361	100	57	1200	100	23	450	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	1	20	-	-	-	-
Pollen	-	-	-	-	-	-	1	20	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	2	-
Background (1-5)	-	2	-	-	3	-	-	3	-

† 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.

Vincent Iuzzolino, M.S., Laboratory Manager
or other Approved Signatory

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

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, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. 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. 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. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the report.

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

Initial report from: 11/03/2023 08:29 AM

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