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EMSL Order: 142002938
Customer ID: EMSL14
Customer PO:
Project ID:

Attention: Christopher Goulah
EMSL - BUFFALO
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Phone: (716) 651-0030
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Collected Date: 07/23/2020
Received Date: 08/04/2020
Analyzed Date: 08/04/2020

Project:

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

Client ID / Lab Sample Number	Location	Spore Count	Count/M ³	% of Total	Vol. (L)	Analytical Sensitivity (m ²)	Skin Fragment	Fibrous Particulate	Background	
1 / 142002938-0001	Livingroom				150	21	7*	1	1	1
Cladosporium		1	20	7.7						
Epicoccum		1	20	7.7						
Triadelphia		1	20	7.7						
Curvularia		2	40	15.4						
Ascospores		4	80	30.8						
Basidiospores		4	80	30.8						
Total Fungi		13	260	100						
2 / 142002938-0002	Bathroom				150	21	7*	2	1	1
Ascospores		2	40	8.3						
Stachybotrys/Memnoniella		2	40	8.3						
Triadelphia		2	40	8.3						
Cladosporium		4	80	16.7						
Curvularia		4	80	16.7						
Basidiospores		9	200	41.7						
Total Fungi		23	480	100						
3 / 142002938-0003	Exterior				150	21	7*	1	1	1
Cladosporium		11	230	25						
Basidiospores		12	250	27.2						
Ascospores		21	440	47.8						
Total Fungi		44	920	100						

Christopher Goulah, Microbiology Manager
or other Approved Signatory

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

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

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. 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. Depew, NY A2LA Accredited Environmental Testing Cert #2845.24

Initial report from: 08/04/2020 02:56 PM