



# EMSL Analytical, Inc.

490 Rowley Road Depew, NY 14043  
Tel/Fax: (716) 651-0030 / (716) 651-0394  
<http://www.EMSL.com> / [buffalolab@emsl.com](mailto:buffalolab@emsl.com)

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

**Attention:** Christopher Goulah  
EMSL - BUFFALO  
490 Rowley Rd  
Depew, NY 14043

**Phone:** (716) 651-0030  
**Fax:** (716) 651-0394  
**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				Vol. (L)	Analytical Sensitivity (m³)	Skin Fragment	Fibrous Particulate	Background	
<b>1 / 142002938-0001</b>	Livingroom	<b>Spore Count</b>	<b>Count/M³</b>	<b>% of Total</b>	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						
<b>Total Fungi</b>		<b>13</b>	<b>260</b>	<b>100</b>						
<b>2 / 142002938-0002</b>	Bathroom	<b>Spore Count</b>	<b>Count/M³</b>	<b>% of Total</b>	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						
<b>Total Fungi</b>		<b>23</b>	<b>480</b>	<b>100</b>						
<b>3 / 142002938-0003</b>	Exterior	<b>Spore Count</b>	<b>Count/M³</b>	<b>% of Total</b>	150	21	7*	1	1	1
Cladosporium		11	230	25						
Basidiospores		12	250	27.2						
Ascospores		21	440	47.8						
<b>Total Fungi</b>		<b>44</b>	<b>920</b>	<b>100</b>						

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