



EMSL Analytical, Inc.

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EMSL Order: 341811884
Customer ID: COAS80
Customer PO:
Project ID:

Attn: Marylee Morinelli Coastal Environmental Compliance, LLC PO Box 167 Hammonton, NJ 08037-0167	Phone: (609) 685-9984 Fax: (609) 625-2644 Collected: 08/31/2018 Received: 08/31/2018 Analyzed: 09/01/2018
Project: South Main St School NJ	

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	341811884-0001			341811884-0002			341811884-0003		
	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
1 75 Ambient				2 75 Room 107			3 75 Room 109		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	51	2200	16.9	6	300	22.4	2	80	1.3
Aspergillus/Penicillium	7	300	2.3	16	680	50.7	135	5700	93.3
Basidiospores	234	9880	76	7	300	22.4	5	200	3.3
Bipolaris++	-	-	-	-	-	-	1	40	0.7
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	11	460	3.5	1	40	3	2*	30*	0.5
Curvularia	-	-	-	1*	10*	0.7	1*	10*	0.2
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	2	80	0.6	-	-	-	-	-	-
Myxomycetes++	2*	30*	0.2	1*	10*	0.7	1	40	0.7
Pithomyces++	-	-	-	-	-	-	1*	10*	0.2
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	1	40	0.3	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Arthrinium	1*	10*	0.1	-	-	-	-	-	-
Total Fungi	309	13000	100	32	1340	100	148	6110	100
Hyphal Fragment	3*	40*	-	-	-	-	2	80	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	3*	40*	-	-	-	-	1	40	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	42	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	2	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

Yessica Martinez Seeman, Microbiology Technical Manager, Central Florida
or other approved signatory

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. 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.

Samples analyzed by EMSL Analytical, Inc. Orlando, FL AIHA-LAP, LLC EMLAP 163563

Initial report from: 09/01/2018 14:00:43

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