



EMSL Analytical, Inc.

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EMSL Order: 371815285
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: 09/04/2018 Received: 09/04/2018 Analyzed: 09/05/2018
Project: Leeds Clear 3	

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	371815285-0001			371815285-0002			371815285-0003		
	L1	L2	L3	L1	L2	L3	L1	L2	L3
	75	75	75	75	75	75	75	75	75
	Ambient			Room 114			Room 107		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	2	90	1.1	-	-	-	-	-	-
Ascospores	13	570	7.2	-	-	-	-	-	-
Aspergillus/Penicillium	10	440	5.5	-	-	-	3	100	55.6
Basidiospores	131	5790	72.8	1	40	50	1	40	22.2
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	18	800	10.1	1	40	50	1	40	22.2
Curvularia	2	90	1.1	-	-	-	-	-	-
Epicoccum	1	40	0.5	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	3*	40*	0.5	-	-	-	-	-	-
Pithomyces++	2	90	1.1	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	182	7950	100	2	80	100	5	180	100
Hyphal Fragment	2*	30*	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	1*	10*	-	1	40	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	2	-

++ 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.

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. Cinnaminson, NJ AIHA-LAP, LLC--EMLAP Lab 100194

Initial report from: 09/05/2018 15:16:28

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