

EMSL Order: 371815155 Customer ID: COAS80

Customer PO: Project ID:

Attn: Marylee Morinelli Phone: (609) 685-9984

Coastal Environmental Compliance, LLC Fax: (609) 625-2644
PO Box 167
Collected: 09/01/2018

Hammonton, NJ 08037-0167 Received: 09/02/2018
Analyzed: 09/02/2018

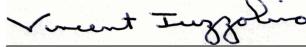
Project: PVIL Clear 2 Leeds

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

	eport: Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)									
Lab Sample Number:	371815155-0001			371815155-0002			371815155-0003			
Client Sample ID:	L1				L2			L3		
Volume (L):	75 Ambient			75 Room 113			75 Room 114			
Sample Location	Ambient			ROOM 113			ROOM 114			
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	
Alternaria (Ulocladium)	157	6940	32.1	-	-	· -	- '	-	-	
Ascospores	8	400	1.9	-	-	-	-	-	-	
Aspergillus/Penicillium	-	-	-	-	-	-	29	1300	100	
Basidiospores	29	1300	6	1	40	100	-	-	-	
Bipolaris++	28	1200	5.6	-	-	-	-	-	-	
Chaetomium	2	90	0.4	-	-	-	-	-	-	
Cladosporium	91	4000	18.5	-	-	-	-	-	-	
Curvularia	61	2700	12.5	-	-	-	-	-	-	
Epicoccum	2	90	0.4	-	-	-	-	-	-	
Fusarium	-	-	-	-	-	-	-	-	-	
Ganoderma	-	-	-	-	-	-	-	-	-	
Myxomycetes++	24	1100	5.1	-	-	-	-	-	-	
Pithomyces++	65	2900	13.4	-	-	-	-	-	-	
Rust	1	40	0.2	-	-	-	-	-	-	
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-	
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	-	-	-	
Bispora	1	40	0.2	-	-	-	-	-	-	
Cercospora++	3	100	0.5	-	-	-	-	-	-	
Pestalotia/Pestalotiopsis	2	90	0.4	-	-	-	-	-	-	
Spegazzinia	2	90	0.4	-	-	-	-	-	-	
Torula-like	12	530	2.5	-	-	-	-	-	-	
Total Fungi	488	21610	100	1	40	100	29	1300	100	
Hyphal Fragment	200	8840	-	-	-	-	-	-	-	
Insect Fragment	9	400	-	-	-	-	-	-	-	
Pollen	3	100	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	2	-	-	1	-	-	2	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	4	-	-	1	-	-	1	-	

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

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



Vincent luzzolino, M.S., Laboratory Manager or other approved signatory

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: 09/02/2018 13:47:51



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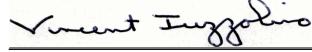
Hammonton, NJ 08037-0167

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

Lab Sample Number:		371815155-0004		371815155-0005			371815155-0006			
Client Sample ID:	L4				L5			L6		
Volume (L):	75				75			75		
Sample Location	Room 128			Room 117			Room 100			
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	
Alternaria (Ulocladium)	- Naw Count	-	/8 OI TOTAL	- Naw Count	Countin	/6 OI TOTAL	- Kaw Count	Countrill	/6 OI 10tai	
Ascospores	_	_	_	_	_	_	1	40	28.6	
Aspergillus/Penicillium	5	200	83.3	15	660	76.7	' _	-	20.0	
Basidiospores	1	40	16.7	5	200	23.3	3	100	71.4	
Bipolaris++	-	-	10.7	-	200	25.5	-	-	7 1.4	
Chaetomium	_	_	_	_	_	_	_	_	_	
Cladosporium	_	_	_	_		_	_	_	_	
Curvularia	_	_	_	_	_	_	_	_	_	
Epicoccum	_	_	_	_		_	_	_	_	
Fusarium	_	_	_	_	_	_	_	_	_	
Ganoderma	_	_		_		_	_	_	_	
Myxomycetes++	_	_	_	_	_	_	_	_	_	
Pithomyces++	_	_	_	_		_	_	_	_	
Rust	_	_	_	_	_	_	_	_	_	
Scopulariopsis/Microascus	_	-	-	_	_	-	_	_	_	
Stachybotrys/Memnoniella	_	_	-	_	_	_	_	_	_	
Unidentifiable Spores	_	-	-	_	_	-	_	_	_	
Zygomycetes	-	-	-	-	-	_	_	-	-	
Bispora	-	-	-	_	-	-	_	-	-	
Cercospora++	-	-	-	-	-	-	-	-	_	
Pestalotia/Pestalotiopsis	-	-	-	_	-	-	-	-	-	
Spegazzinia	-	-	-	-	-	-	-	-	-	
Torula-like	-	-	-	-	-	-	_	-	-	
Total Fungi	6	240	100	20	860	100	4	140	100	
Hyphal Fragment	1	40	-	-	-	-	-	-	-	
Insect Fragment	-	-	-	-	-	-	-	-	-	
Pollen	-	-	-	-	-	-	-	-	-	
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-	
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-	
Skin Fragments (1-4)	-	2	-	-	2	-	-	1	-	
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-	
Background (1-5)	-	1	-	-	1	-	-	1	-	

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

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



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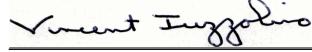
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Lab Sample Number:	:	371815155-000	7	371815155-0008			371815155-0009		
Client Sample ID:	L7 75 Room 107			L8 75 Room 134			L9		
Volume (L):								75	
Sample Location							Room 118		
Spore Types	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total	Raw Count	Count/m³	% of Total
Alternaria (Ulocladium)	- '	-	' -	-	-	' -	-	-	-
Ascospores	2	90	4.8	-	-	-	-	-	-
Aspergillus/Penicillium	2	90	4.8	3	100	29.4	1	40	100
Basidiospores	38	1700	90.4	4	200	58.8	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	-	-	-	-	-	-	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	1	40	11.8	-	-	-
Pithomyces++	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Bispora	-	-	-	-	-	-	-	-	-
Cercospora++	-	-	-	-	-	-	-	-	-
Pestalotia/Pestalotiopsis	-	-	-	-	-	-	-	-	-
Spegazzinia	-	-	-	-	-	-	-	-	-
Torula-like	-	-	-	-	-	-	-	-	-
Total Fungi	42	1880	100	8	340	100	1	40	100
Hyphal Fragment	-	-	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	1	-	-	1	-

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