



EMSL Analytical, Inc.

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Order ID: 371725839
Customer ID: HHAS25
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Project ID:

Attn: Rich Van Dort
H2H Assurance Services
123 Heron Drive
Palm Coast, FL 32137

Phone: (386) 246-2554
Fax:
Collected:
Received: 11/24/2017
Analyzed: 11/27/2017

Proj: Flagler Sheriff's Office Job #OID 1240

Test Report: Allergenco-D(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	371725839-0001			371725839-0002			371725839-0003		
Client Sample ID:	172980			172972			172969		
Volume (L):	450			450			450		
Sample Location:	129 - Open Area			129 - Jennifer			Outside		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	2	10	4.7	2	10	11.4	18	130	7.8
Aspergillus/Penicillium	2	10	4.7	1	7	8	24	170	10.2
Basidiospores	3	20	9.4	2	10	11.4	126	902	54.1
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	10	72	33.8	3	20	22.7	51	370	22.2
Curvularia	4	30	14.1	2	10	11.4	1	7	0.4
Epicoccum	-	-	-	1*	2*	2.3	-	-	-
Fusarium	-	-	-	-	-	-	1	7	0.4
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	4	30	14.1	2	10	11.4	3	20	1.2
Pithomyces	2	10	4.7	-	-	-	1	7	0.4
Rust	-	-	-	-	-	-	1*	2*	0.1
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	1	7	3.3	2	10	11.4	1*	2*	0.1
Beltrania	-	-	-	-	-	-	-	-	-
Microascus	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	1*	2*	0.1
Paecilomyces	3	20	9.4	-	-	-	5	40	2.4
Pestalotia/Pestalotiopsis	2*	4*	1.9	1	7	8	1	7	0.4
Spegazzinia	-	-	-	1*	2*	2.3	-	-	-
Total Fungi	33	213	100	17	88	100	234	1666	100
Hyphal Fragment	10	72	-	5	40	-	5	40	-
Insect Fragment	5	40	-	3	20	-	2	10	-
Pollen	1*	2*	-	2	10	-	-	-	-
Analyt. Sensitivity 600x	-	7	-	-	7	-	-	7	-
Analyt. Sensitivity 300x	-	2*	-	-	2*	-	-	2*	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	4	-	-	4	-	-	1	-

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

Vincent Iuzzolino, M.S., Laboratory Director
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. 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: 11/28/2017 08:49:07

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