

Attention: Chris Macri

Suite 207

EMSL Order: 372316613 Customer ID: MDGL77

Customer PO: Project ID:

Phone: (609) 744-0106

Fax:

Collected Date: 10/13/2023

Received Date: 10/13/2023 01:25 PM

Analyzed Date: 10/14/2023

Project: 23-227-2 / 4528 White Horse Pike Mullica Twp ,NJ (PD)

MDG Environmental, LLC

1000 Maplewood Drive

Maple Shade, NJ 08052

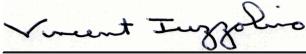
Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L):	372316613-0001 AOC-01 75 Outdoors			372316613-0002 AOC-02 75 Temp Police Headquarters 1st FI			372316613-0003 AOC-03 75		
Sample Location:							Rear Stairwell		
Spore Types	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total
Alternaria (Ulocladium)	1	40	0.4	- '	-	-	- '	-	-
Ascospores	13	570	5.7	-	-	-	7	300	10.2
Aspergillus/Penicillium	13	570	5.7	9	400	21.1	-	-	-
Basidiospores	113(178)	7770	77.2	29	1300	68.4	49	2100	71.7
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	16	700	7	1	40	2.1	10	440	15
Curvularia	-	-	-	1	40	2.1	-	-	-
Epicoccum	1	40	0.4	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	2	90	0.9	-	-	-	-	-	-
Myxomycetes++	1*	10*	0.1	1	40	2.1	2	90	3.1
Pithomyces++	1	40	0.4	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	1	40	0.4	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Acremonium++	5	200	2	-	-	-	-	-	-
Cercospora++	-	-	-	1	40	2.1	-	-	-
Polythrincium	-	-	-	1	40	2.1	-	-	-
Total Fungi	232	10070	100	43	1900	100	68	2930	100
Hyphal Fragment	1	40	-	3	100	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	44	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	13*	-
Skin Fragments (1-4)	-	1	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	1	-

† Due to method stopping rules, extrapolated raw counts are reported in parenthesis.

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

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



Vincent luzzolino, M.S., Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. 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

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA LAP, LLC-EMLAP Accredited #100194

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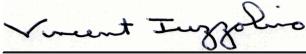
Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L):	372316613-0004 AOC-04 75 Squad Room			372316613-0005 AOC-05 75 Detectives Office			372316613-0006 AOC-06 75 Hallway		
Sample Location:									
Spore Types	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total
Alternaria (Ulocladium)	-	-	· -	- '	-	-	- '	-	-
Ascospores	1	40	1.9	-	-	-	-	-	-
Aspergillus/Penicillium	28	1200	57.7	1	40	6.7	-	-	-
Basidiospores	16	700	33.7	12	520	86.7	17	740	94.9
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium++	-	-	-	-	-	-	-	-	-
Cladosporium	1	40	1.9	-	-	-	1	40	5.1
Curvularia	1*	10*	0.5	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium++	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	40	1.9	1	40	6.7	-	-	-
Pithomyces++	1*	10*	0.5	-	-	-	-	-	-
Rust	1	40	1.9	-	-	-	-	-	-
Scopulariopsis/Microascus	-	-	-	-	-	-	-	-	-
Stachybotrys/Memnoniella	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Acremonium++	-	-	-	-	-	-	-	-	-
Cercospora++	-	-	-	-	-	-	-	-	-
Polythrincium	-	-	-	-	-	-	-	-	-
Total Fungi	50	2080	100	14	600	100	18	780	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	-

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++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific

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



Vincent luzzolino, M.S., Laboratory Manager or other Approved Signatory

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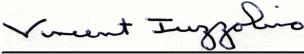
Test Report;Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

Lab Sample Number: Client Sample ID: Volume (L):	372316613-0007 AOC-07 75 Matron's/Records Office			372316613-0008 AOC-08 75 Waiting Area L.L.					
Sample Location:									
Spore Types	Raw Count†	Count/m³	% of Total	Raw Count†	Count/m³	% of Total	-	-	-
Alternaria (Ulocladium)	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	3	100	5			
Aspergillus/Penicillium	-	-	-	9	400	20.1			
Basidiospores	31	1400	88.6	33	1400	70.4			
Bipolaris++	-	-	-	-	-	-			
Chaetomium++	-	-	-	-	-	-			
Cladosporium	3	100	6.3	2	90	4.5			
Curvularia	-	-	-	-	-	-			
Epicoccum	3*	40*	2.5	-	-	-			
Fusarium++	-	-	-	-	-	-			
Ganoderma	-	-	-	-	-	-			
Myxomycetes++	-	-	-	-	-	-			
Pithomyces++	-	-	-	-	-	-			
Rust	1	40	2.5	-	-	-			
Scopulariopsis/Microascus	-	-	-	-	-	-			
Stachybotrys/Memnoniella	-	-	-	-	-	-			
Unidentifiable Spores	-	-	-	-	-	-			
Zygomycetes	-	-	-	-	-	-			
Acremonium++	-	-	-	-	-	-			
Cercospora++	-	-	-	-	-	-			
Polythrincium	-	-	-	-	-	-			
Total Fungi	38	1580	100	47	1990	100			
Hyphal Fragment	-	-	-	1	40	-			
Insect Fragment	-	-	-	-	-	-			
Pollen	-	-	-	-	-	-		-	-
Analyt. Sensitivity 600x	-	44	-	-	44	-	-	-	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-			
Skin Fragments (1-4)	-	2	-	-	2	-			
Fibrous Particulate (1-4)	-	1	-	-	1	-			
Background (1-5)	-	1	-	-	2	-			

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