



EMSL Analytical, Inc.

107 Haddon Ave. Westmont, NJ 08108

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Email: testlab@emsl.com

Attn: Client Contact Name
Client Business Name
123 Street
City, STATE ZIP

EMSL Order: 990700063
Customer ID: DOUG
Received: 10/11/07
Analyzed: 10/11/07
Report Date: 11/29/07

Proj: Sample report

Air-O-Cell(™) Cassette Analysis of Fungal Spores & Other Airborne Particulates by Optical Microscopy (EMSL Method M001)

	Particle Identification	Sample Concentration (counts/m ³)	Background Concentration (counts/m ³)	Background Corrected (counts/m ³)	
Lab Sample Number 990700063-0001	Agrocybe/Coprinus	None Detected	None Detected	N/A	
	Alternaria	26*	26	N/A	
	Ascospores	1720	1720	N/A	
Client Sample ID 1	Aspergillus/Penicillium	1090	1090	N/A	
	Basidiospores	3020	3020	N/A	
	Bipolaris	None Detected	None Detected	N/A	
	Cercospora	126	126	N/A	
	Chaetomium	None Detected	None Detected	N/A	
Location Outside	Cladosporium	2520	2520	N/A	
	Curvularia	126	126	N/A	
	Epicoccum	None Detected	None Detected	N/A	
Sample Volume (L) 75	Fusarium	None Detected	None Detected	N/A	
	Ganoderma	None Detected	None Detected	N/A	
	Myxomycete	None Detected	None Detected	N/A	
Sample Type Background	Nigospora	13*	13	N/A	
	Nigrosora	None Detected	None Detected	N/A	
	Nigrospora	None Detected	None Detected	N/A	
Comments	Paecilomyces	None Detected	None Detected	N/A	
	Pithomyces	42	42	N/A	
	Rust	39*	39	N/A	
	Scopulariopsis	None Detected	None Detected	N/A	
	Smut	168	168	N/A	
	Spegazzina	None Detected	None Detected	N/A	
	Spegazzinia	None Detected	None Detected	N/A	
	Stachybotrys	None Detected	None Detected	N/A	
	Tetraploa	None Detected	None Detected	N/A	
	Torula	None Detected	None Detected	N/A	
	Total Fungi	8890	8890	N/A	
	Other				
		Fibrous Particulate	252	252	N/A
	Hyphal Fragment	210	210	N/A	
	Insect Fragment	None Detected	None Detected	N/A	
	Pollen	52*	52	N/A	
	Analytical Sensitivity 600x:	42	counts/cubic meter		
	Analytical Sensitivity 300x *:	13*	counts/cubic meter		
	Skin Fragments:	3	1 to 4 (low to high)		
	Background:	1	1 to 4 (low to high); 5 (overloaded)		

Accreditation*This report was generated in the EMSL Test Lab (99) using representative test data and is solely for the pu
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. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. ***
Denotes particles found at 300X. This report relates only to the samples reported and may not be reproduced, except in full, without
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Doug Cowperthwaite, Laboratory Manager
or other Approved Signatory



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	Particle Identification	Sample Concentration (counts/m ³)	Background Concentration (counts/m ³)	Background Corrected (counts/m ³)
Lab Sample Number 990700063-0002	Agrocybe/Coprinus	None Detected	None Detected	Equal To Background
	Alternaria	126	26	100
Client Sample ID 2	Ascospores	None Detected	1720	Less than Background
	Aspergillus/Penicillium	294	1090	Less than Background
Location Bedroom	Basidiospores	6470	3020	3450
	Bipolaris	78*	None Detected	78
	Cercospora	378	126	252
	Chaetomium	None Detected	None Detected	Equal To Background
Sample Volume (L) 75	Cladosporium	7770	2520	5250
	Curvularia	294	126	168
	Epicoccum	None Detected	None Detected	Equal To Background
Sample Type Inside	Fusarium	None Detected	None Detected	Equal To Background
	Ganoderma	None Detected	None Detected	Equal To Background
	Myxomycete	252	None Detected	252
Comments	Nigospora	None Detected	13	Less than Background
	Nigrosora	None Detected	None Detected	Equal To Background
	Nigrospora	None Detected	None Detected	Equal To Background
	Paecilomyces	None Detected	None Detected	Equal To Background
	Pithomyces	65*	42	23
	Rust	None Detected	39	Less than Background
	Scopulariopsis	None Detected	None Detected	Equal To Background
	Smut	420	168	252
	Spegazzina	None Detected	None Detected	Equal To Background
	Spegazzinia	None Detected	None Detected	Equal To Background
Stachybotrys	None Detected	None Detected	Equal To Background	
Tetraploa	None Detected	None Detected	Equal To Background	
Torula	None Detected	None Detected	Equal To Background	
	Total Fungi	16100	8890	7210
	Other			
	Fibrous Particulate	168	252	Less than Background
	Hyphal Fragment	168	210	Less than Background
	Insect Fragment	None Detected	None Detected	Equal To Background
	Pollen	91*	52	39
	Analytical Sensitivity 600x:	42	counts/cubic meter	
	Analytical Sensitivity 300x *:	13*	counts/cubic meter	
	Skin Fragments:	3	1 to 4 (low to high)	
	Background:	1	1 to 4 (low to high); 5 (overloaded)	

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	Particle Identification	Sample Concentration (counts/m ³)	Background Concentration (counts/m ³)	Background Corrected (counts/m ³)	
Lab Sample Number 990700063-0003	Agrocybe/Coprinus	None Detected	None Detected	Equal To Background	
	Alternaria	None Detected	26	Less than Background	
	Ascospores	1340	1720	Less than Background	
Client Sample ID 3	Aspergillus/Penicillium	4120	1090	3030	
	Basidiospores	5120	3020	2100	
	Bipolaris	130*	None Detected	130	
	Cercospora	210	126	84	
Location Basement	Chaetomium	None Detected	None Detected	Equal To Background	
	Cladosporium	7640	2520	5120	
	Curvularia	126	126	Equal To Background	
	Epicoccum	None Detected	None Detected	Equal To Background	
Sample Volume (L) 75	Fusarium	None Detected	None Detected	Equal To Background	
	Ganoderma	None Detected	None Detected	Equal To Background	
	Myxomycete	None Detected	None Detected	Equal To Background	
	Nigospora	None Detected	13	Less than Background	
Sample Type Inside	Nigrosora	None Detected	None Detected	Equal To Background	
	Nigrospora	117*	None Detected	117	
	Paecilomyces	None Detected	None Detected	Equal To Background	
	Pithomyces	104*	42	62	
Comments	Rust	None Detected	39	Less than Background	
	Scopulariopsis	None Detected	None Detected	Equal To Background	
	Smut	336	168	168	
	Spegazzina	None Detected	None Detected	Equal To Background	
	Spegazzinia	13*	None Detected	13	
	Stachybotrys	None Detected	None Detected	Equal To Background	
	Tetraploa	None Detected	None Detected	Equal To Background	
	Torula	143*	None Detected	143	
	Total Fungi	19400	8890	10500	
	Other				
	Fibrous Particulate	42	252	Less than Background	
	Hyphal Fragment	42	210	Less than Background	
	Insect Fragment	None Detected	None Detected	Equal To Background	
Pollen	143*	52	91		
Analytical Sensitivity 600x:		42	counts/cubic meter		
Analytical Sensitivity 300x *:		13*	counts/cubic meter		
Skin Fragments:		3	1 to 4 (low to high)		
Background:		1	1 to 4 (low to high); 5 (overloaded)		

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