



# EMSL Analytical, Inc.

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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)

Lab Sample Number:	990700063-0001	990700063-0002	990700063-0003		
Client Sample ID:	1	2	3		
Volume (L):	75	75	75		
Sample Location:	Outside	Bedroom	Basement		
Spore Types	Count/m <sup>3</sup>	Count/m <sup>3</sup>	Count/m <sup>3</sup>		
Agrocybe/Coprinus	-	-	-		
Alternaria	26*	126	-		
Ascospores	1720	-	1340		
Aspergillus/Penicillium	1090	294	4120		
Basidiospores	3020	6470	5120		
Bipolaris	-	78*	130*		
Chaetomium	-	-	-		
Cladosporium	2520	7770	7640		
Curvularia	126	294	126		
Epicoccum	-	-	-		
Fusarium	-	-	-		
Myxomycete	-	252	-		
Rust	39*	-	-		
Stachybotrys	-	-	-		
Torula	-	-	143*		
Cercospora	126	378	210		
Nigospora	13*	-	-		
Nigrosora	-	-	-		
Nigrospora	-	-	117*		
Pithomyces	42	65*	104*		
Smut	168	420	336		
Spegazzina	-	-	-		
Spegazzinia	-	-	13*		
Tetraploa	-	-	-		
<b>Total Fungi</b>	<b>8890</b>	<b>16100</b>	<b>19400</b>		
Fibrous Particulate	252	168	42		
Hyphal Fragment	210	168	42		
Insect Fragment	-	-	-		
Pollen	52*	91*	143*		
Analyt. Sensitivity 600x	42	42	42		
Analyt. Sensitivity 300x	13*	13*	13*		
Skin Fragments (1-4)	3	3	3		
Background (1-5)	1	1	1		

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

Accreditation This report was generated in the EMSL Test Lab (99) using representative test data and is solely for the purpose of software validation and training.

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 written approval by EMSL. Results have not been adjusted for field or laboratory blank unless otherwise noted. Samples received in good condition unless otherwise noted.

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Doug Cowperthwaite, Laboratory Manager  
or Other Approved Signatory