



# EMSL Analytical, Inc.

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EMSL Order: 350705470  
Customer ID: MOSO85  
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Analyzed: 9/11/07  
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## Air-O-Cell™ Cassette Analysis of Fungal Spores & Other Airborne Particulates by Optical Microscopy (EMSL Method M001)

Lab Sample Number:	350705470-0001			350705470-0002			350705470-0003		
Client Sample ID:	12746587			12746855			12746591		
Volume (L):	150			150			150		
Sample Location:	Living RM			Master Bed			Outside		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Agrocybe/Coprinus	-	-	-	-	-	-	Present	Present	-
Alternaria	-	-	-	Present	Present	-	24	504	6
Ascospores	2	42	13	-	-	-	4	84	1
Aspergillus/Penicillium	-	-	-	-	-	-	4	84	1
Basidiospores	-	-	-	1	21	8	15	315	4
Bipolaris	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	14	294	88	11	231	85	320	6720	81
Curvularia	-	-	-	-	-	-	2	42	0.5
Epicoccum	-	-	-	-	-	-	4	84	1
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	1	21	8	14	294	4
Myxomycete	Present	Present	-	-	-	-	1	21	0.3
Paecilomyces	-	-	-	-	-	-	1	21	0.3
Rust	-	-	-	-	-	-	1	21	0.3
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	3	63	0.8
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	1	21	0.3
Spegazzinia	Present	Present	-	-	-	-	-	-	-
<b>Total Fungi</b>	<b>16</b>	<b>336</b>	<b>100</b>	<b>13</b>	<b>273</b>	<b>100</b>	<b>394</b>	<b>8270</b>	<b>100</b>
Fibrous Particulate	4	84	-	-	-	-	-	-	-
Hyphal Fragment	1	21	-	2	42	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	1	21	-	5	105	-
Analytical Sensitivity	-	21	-	-	21	-	-	21	-
Skin Fragments (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	1	-	-	2	-

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

Lab participates in AIHA EMPAT #163162  
Samples received in good condition unless otherwise noted.

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.  
The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment.

Present= Spores found during additional scan at lower mag. 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.

Jodie Bourgerie, Laboratory Manager  
or Other Approved Signatory

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