

The Basic Guide to
Mold Awareness
 - Online Learning Course -

SAMPLE LABORATORY REPORT 5

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Client: GHH Engineering, Inc.
 C/O: Ms. Jennifer Bailey
 Re:

Date of Sampling: 10-09-2000
 Date of Receipt: 10-11-2000
 Date of Report: 10-23-2000

Quantitative Dust: Fungal culture

Location	Air Filter		
Media used	Cellulose/DG18/MEA		
Comments (see below)	None		
	Sample ct.	%	Cfu/gm.
Acremonium			
Alternaria	100	<1	4,000
Aspergillus flavus			
Aspergillus fumigatus			
Aspergillus nidulans			
Aspergillus niger	38,000	88	1,520,000
Aspergillus ochraceus			
Aspergillus versicolor			
Aspergillus, other			
Aureobasidium			
Basidiomycetes			
Bipolaris/Drechslera group			
Botrytis			
Chaetomium			
Cladosporium	1,600	4	64,000
Curvularia			
Epicoccum			
Fusarium			
Mucor	100	<1	4,000

Non-sporulating fungi			
Paecilomyces			
Penicillium	3,600	8	144,000
Phoma			
Stachybotrys chartarum (atra)			
Trichoderma			
Ulocladium			
Yeasts			
Dilution factors plated	1:100 & 1:1,000		
Weight (grams)	0025		
TOTAL CFU*/GRAM			1,736,000

* cfu = colony forming units

Note: Caution should be used when interpreting percentages. Percentage totals may not equal 100 due to rounding.

Comments:

- Sample count is the calculated number of colonies that would have grown if the entire selected sample weight analyzed were plated out.
- Results represent a compiled result from multiple media and multiple dilutions. Sensitivity of the results depends largely upon the dilutions used and the weight of the sample. For example, a dilution of 1:100 means that 1 colony on a plate represents a sample count of 100. For a sample of 0.025 grams, this would represent 4,000 cfu/gram. For a sample weight of 0.002 grams, this would represent 50,000 cfu/gram.

Interpretation is left to the company and/or persons who conducted the fieldwork.

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