

# Fungal Analysis by PCR

Sample Company  
 Sample Contact Person  
  
 000 Sample Street, Suite 000  
 Sample City, CA 00000-0000

Client ID: 0000  
 Report Number: F000000  
 SGSFL Job ID: 0000-00  
 Date Received: 00/00/00  
 Date Analyzed: 00/00/00  
 Date Printed: 00/00/00  
 First Reported: 00/00/00

Sample Type: Polycarbonate Filter  
 Analysis: PCR Infection Control Panel  
 Job ID / Site: Sample Site

Lab Number	00000000				00000000				00000000			
Sample ID	1				2				3			
Location	Location A				Location B				Location C			
Sample Date	00/00/00				00/00/00				00/00/00			
Volume	3675.0 L				3630.0 L				3975.0 L			
Organism	Sp Eq	%	LOD	Sp Eq/m <sup>3</sup>	Sp Eq	%	LOD	Sp Eq/m <sup>3</sup>	Sp Eq	%	LOD	Sp Eq/m <sup>3</sup>
<i>Alternaria alternata</i>	ND	-	0.27	ND	ND	-	0.28	ND	227	2.3	0.25	57
<i>Aspergillus flavus/oryzae</i>	ND	-	0.27	ND	ND	-	0.28	ND	3490	35.5	0.25	880
<i>Aspergillus fumigatus</i>	19	100	0.27	<10	ND	-	0.28	ND	515	5.2	0.25	130
<i>Aspergillus niger</i>	ND	-	0.27	ND	ND	-	0.28	ND	385	3.9	0.25	97
<i>Aspergillus versicolor</i>	ND	-	0.27	ND	ND	-	0.28	ND	ND	-	0.25	ND
<i>Eurotium species</i>	ND	-	0.27	ND	ND	-	0.28	ND	3780	38.5	0.25	950
<i>Penicillium brevicompactum</i>	ND	-	0.27	ND	ND	-	0.28	ND	1440	14.6	0.25	360
<i>Penicillium chrysogenum</i>	ND	-	0.27	ND	ND	-	0.28	ND	ND	-	0.25	ND
<i>Penicillium citrinum</i>	ND	-	0.27	ND	ND	-	0.28	ND	ND	-	0.25	ND
<i>Stachybotrys chartarum</i>	ND	-	0.27	ND	ND	-	0.28	ND	ND	-	0.25	ND
<i>Ulocladium chartarum</i>	ND	-	0.27	ND	ND	-	0.28	ND	ND	-	0.25	ND
<b>Total</b>	19			<10	ND			ND	9,837			2,500
<b>Comments</b>												

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**Explanations:**

% Percent of Total  
LOD Limit of Detection (Units are the same as result units)  
Sp Eq/m<sup>3</sup> Spore equivalents per cubic meter of air sampled  
ND None Detected  
Sp Eq Total number of spore equivalents detected in the sample; 'Spore Equivalents' represent all cells pertaining to the identified species which contain DNA, including hyphal fragments.

**Notes:**

This test is performed pursuant to licensing arrangements with Roche Molecular Systems, Inc. and Applied Biosystems.

**Guidelines For Interpretation:**

No accepted quantitative regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person.

Several organizations, including: the American Conference of Governmental Industrial Hygienists (ACGIH); the American Industrial Hygiene Association (AIHA); the Indoor Air Quality Association (IAQA); the United States Environmental Protection Agency (USEPA); the Centers for Disease Control (CDC), as well as the California Department of Health Services (CADHS), have all published guidelines for assessment and interpretation of mold resulting from water intrusion in buildings.

FALI reports solely the organisms observed on the sample(s). This is not an inclusive list of the fungal types identified in the microbiology laboratory.

**Microbiology Laboratory Supervisor, Hayward Laboratory**

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