

Report for:

Mr. Quality Control EMLab P&K (QA) 1150 Bayhill Drive Suite 100 San Bruno, CA 94066

Eurofins EPK Built Environment Testing, LLC

Regarding: Project: Sample Report EML ID: 1024877

Approved by:

Technical Manager Murali Putty

Murali R Putty

Dates of Analysis: Culturable air fungi (Incl. Asp spp.): 02-08-2013

Service SOPs: Culturable air fungi (Incl. Asp spp.) (EB-MY-S-1043) AIHA LAP, LLC accredited service, Lab ID #102856

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested. Information supplied by the client which can affect the validity of results: sample air volume.

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111 Anza Boulevard, Suite 122, Burlingame, CA 94010 (833) 465-5857 www.eurofinsus.com/Built

Client: EMLab P&K (QA) C/O: Mr. Quality Control Re: Sample Report Date of Sampling: 02-01-2013 Date of Receipt: 02-01-2013 Date of Report: 02-08-2013

CULTURABLE AIR FUNGI REPORT

Location:	Outside	1: Outside Reference		2		3	
Comments (see below)		None		None		None	
Lab ID-Version‡:	459	4590863-1		4590864-1		4590865-1	
Analysis Date:	02/0	02/08/2013		02/08/2013		02/08/2013	
Medium:	N	MEA		MEA		MEA	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	
Acremonium					1	12	
Alternaria	1	12					
Aspergillus niger	3	35	1	12			
Aspergillus terreus					2	24	
Aspergillus versicolor	1	12					
Basidiomycetes	1	12					
Botrytis							
Chaetomium							
Cladosporium	26	320	13	150	9	110	
Curvularia							
Epicoccum							
Fusarium							
Non-sporulating fungi	5	59	1	12			
Paecilomyces							
Penicillium	2	24	5	59	36	450	
Phoma							
Rhizopus							
Stachybotrys chartarum							
Ulocladium							
Yeasts			1	12			
Positive Hole	400		400		400		
Sample volume (liters)	85		85		85		
§ TOTAL CFU*/M3		470		250		590	

^{*} cfu = colony forming units

Positive hole correction chart used for all calculations

Comments:

Note: Interpretation is left to the company and/or persons who conducted the field work. Variation is an inherent part of biological sampling. The presence or absence of a few genera in small numbers should not be considered abnormal.

NORMAL SPORE LEVELS: Indoor spore levels usually average 30 to 80% of the outdoor spore level at the time of sampling, with the same general distribution of spore types. Filtered air, air-conditioned air, or air remote from outside sources may average 5 to 15% of the outside air at the time of sampling. (These percentages are guidelines, only. A major factor is the accessibility of outdoor air. A residence with open doors and windows and heavy foot traffic may average 95% of the outdoor level while high rise office buildings with little air exchange may average 2%. Dusty interiors may exceed 100% of the outdoors to some degree, but will still mirror the outdoor distribution of spore types.)

PROBLEM INTERIORS: A substantial increase of one or two spore types which are inconsistent with and non-reflective of the outside distribution of spore types is usually indicative of an indoor reservoir of mold growth.

The limit of detection is 1 raw count per volume of air sampled. The analytical sensitivity is 1 raw count/volume x the positive hole correction factor.

Fungal culture types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

[‡] A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

[§] Total CFU/m3 has been rounded to two significant figures to reflect analytical precision.

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CULTURABLE AIR FUNGI REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst

Analyst: Malcolm Moody

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by AIHA LAP, LLC, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

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