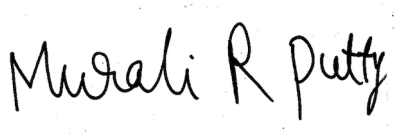
eurofins | Built Environment Testing

Report for:

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

Regarding: Eurofins EPK Built Environment Testing, LLC
Project: Sample Report
EML ID: 1024877

Approved by:



Technical Manager
Murali Putty

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

Service SOPs: Culturable air fungi (Incl. Asp spp.) (EM-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.

Eurofins EPK Built Environment Testing, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.
Eurofins EPK Built Environment Testing, LLC's LabServe® reporting system includes automated fail-safes to ensure that all AIHA-LAP, LLC quality requirements are met and notifications are added to reports when any quality steps remain pending.

Eurofins EPK Built Environment Testing, LLC
111 Anza Boulevard, Suite 122, Burlingame, CA 94010
(800) 651-4802 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:	1: Outside Reference		2		3	
Comments (see below)	None		None		None	
Lab ID-Version‡:	4590863-1		4590864-1		4590865-1	
Analysis Date:	02/08/2013		02/08/2013		02/08/2013	
Medium:	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.

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