

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: 1014146

Approved by:

Technical Manager Murali Putty

Murali R Puty

Dates of Analysis:

Spore trap analysis: 01-11-2013

Service SOPs: Spore trap analysis (EB-MY-S-1038) 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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Eurofins EPK Built Environment Testing, LLC

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

Client: EMLab P&K (QA) Date of Sampling: 01-11-2013 Date of Receipt: 01-11-2013 C/O: Mr. Quality Control Re: Sample Report Date of Report: 01-11-2013

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	1:			2		
	Outside Reference					
Comments (see below)	None		None			
Lab ID-Version‡:	4537964-1		4537965-1			
Analysis Date:	01/11/2013		01/11/2013			
	raw ct.	% read	spores/m3	raw ct.	% read	spores/m3
Alternaria	1	100	13			
Ascospores	6	25	320	1	25	53
Basidiospores	14	25	750	2	25	110
Botrytis	2	100	27			
Chaetomium				2	100	27
Cladosporium	22	25	1,200	47	25	2,500
Epicoccum	1	100	13			
Fusarium	1	100	13			
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	12	25	640	39	25	2,100
Pithomyces						
Pyricularia	1	100	13			
Rusts	1	100	13			
Smuts, Periconia, Myxomycetes	3	100	40	1	100	13
Stachybotrys				4	100	53
Stemphylium						
Torula						
Ulocladium	1	100	13			
Zygomycetes						
Background debris (1-4+)	2+			2+		
Hyphal fragments/m3	40			200		
Pollen/m3	200			13		
Skin cells (1-4+)	< 1+			< 1+		
Sample volume (liters)	75			75		
§ TOTAL SPORES/m3			3,000			4,800

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample, indicating a raw

The analytical sensitivity is the spores/m³ divided by the raw count, expressed in spores/m³, per spore and per sample.

[†] The spores of Aspergillus and Penicillium (and others such as Acremonium, Paecilomyces) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

^{††}Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

For more information regarding analytical sensitivity, please contact QA by calling the laboratory. ‡ 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 Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	3					
Comments (see below)	None					
Lab ID-Version‡:	4537966-1					
Analysis Date:	01/11/2013					
-	raw ct.	% read	spores/m3			
Alternaria	1	100	13			
Ascospores	1	25	53			
Basidiospores	4	25	210			
Botrytis						
Chaetomium						
Cladosporium	9	25	480			
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†	11	25	590			
Pithomyces						
Pyricularia						
Rusts						
Smuts, Periconia, Myxomycetes	3	100	40			
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)	2+					
Hyphal fragments/m3	27					
Pollen/m3	< 13					
Skin cells (1-4+)	< 1+					
Sample volume (liters)	75					
§ TOTAL SPORES/m3			1,400			

Comments:

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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst

Analyst: Malcolm Moody

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