

**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: 1225184

Approved by:

Murali R Putty

Technical Manager Murali Putty

Dates of Analysis: Quantitative spore count direct exam: 06-24-2014

Service SOPs: Quantitative spore count direct exam (EM-MY-S-1041) 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.

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Eurofins EPK Built Environment Testing, LLC

#### **Eurofins EPK Built Environment Testing, LLC**

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: 06-22-2014 Date of Receipt: 06-23-2014 Date of Report: 06-24-2014

#### QUANTITATIVE SPORE COUNT REPORT

Logation		1				2				3			
Location:						2				-			
Comments (see below)	None				None				None				
Sample type	Bulk sample				Swab sample			Tape sample					
Lab ID-Version <sup>‡</sup> :	5574593-1				5574594-1				5574595-1				
Analysis Date:	06/24/2014				06/24/2014				06/24/2014				
Background debris (1-4+)	N/A				2+				2+				
Sample size	1 cm2				1 cm2				1 cm2				
Reporting unit		1 cm2				1 cm2				1 cm2			
Dilution	1:1				1:40				1:1				
	Count	Count/sample	Count/unit	%	Count	Count/sample	Count/unit	%	Count	Count/sample	Count/unit	%	
Hyphal fragments		< 1	< 1	n/a	9	3,300	3,300	n/a	4	4	4	n/a	
§ TOTAL FUNGAL SPORES	38	830	830	100	140	49,000	49,000	100	270	270	270	100	
Alternaria					1	370	370	1					
Ascospores	2	43	43	5					2	2	2	1	
Basidiospores	1	22	22	3	2	730	730	2	7	7	7	3	
Chaetomium					1	370	370	1					
Cladosporium	9	200	200	24	97	35,000	35,000	72	105	110	110	39	
Penicillium/Aspergillus types	26	570	570	68	31	11,000	11,000	23	160	160	160	57	
Pithomyces													
Rusts													
Smuts, Periconia, Myxomycetes					3	1,100	1,100	2					
Stachybotrys													
Stemphylium													
Torula													
Ulocladium													
Zygomycetes													
Commenter													

#### **Comments:**

‡ 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 Fungal Spores has been rounded to two significant figures to reflect analytical precision.

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 count of <1 spore.

The limit of detection is 1 spore per area analyzed; Analytical Sensitivity is 1 spore per unit times the dilution factor.

Where tape lifts are performed for bulk sample analysis, the unit reported is specific to the area of tape analyzed. Where swabs are performed, the unit reported is specific to the swab analyzed. Due to the inherent inhomogeneity and variable recovery rates of surface fungal samples, all reported spore counts are extrapolated estimates. Counts of fewer than 400 spores or greater than 40,000 spores are considered imprecise and not reproducible due to limitations in the counting method and equipment sensitivity.

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# QUANTITATIVE SPORE COUNT REPORT

## PROJECT ANALYST AND SIGNATORY REPORT

**Project Analyst** 

Meg

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.

<sup>‡</sup> 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".

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