

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: 1427316

Approved by:

Dates of Analysis:
Legionella-CDC method: 09-21-2015



Technical Manager
Ariunaa Jalsrai

Service SOPs: Legionella-CDC method (EB-BT-S-1045)
AIHA LAP, LLC accredited service, Lab ID #103005

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.

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.

Client: EMLab P&K (QA)
 C/O: Mr. Quality Control
 Re: Sample Report

Date of Sampling: 09-07-2015
 Date of Receipt: 09-07-2015
 Date of Report: 09-21-2015

QUANTITATIVE *LEGIONELLA* REPORT

Location:	1: Sink		2: Faucet		3: Cooling Tower	
Comments (see below)	None		None		None	
Lab ID-Version‡:	6577754-1		6577755-1		6577756-1	
Analysis Date:	09/21/2015		09/21/2015		09/21/2015	
Sample type	Swab sample		Water sample		Water sample	
Volume filtered (ml)	N/A		200		N/A	
Reporting Units	1 swab		1 ml		1 ml	
Detection Limit†	< 20		< 0.1		< 4	
Analytical Sensitivity†	< 40		< 0.1		< 8	
	raw ct.	cfu*/unit	raw ct.	cfu*/unit	raw ct.	cfu*/unit
L. pneumophila serotype 1					1	8
L. pneumophila serotype 2-14						
Other Legionella species			10	1		
§TOTAL Legionella	ND	< 40	10	1	1	8

*cfu = colony forming units ND = none detected

Comments:

For water samples, the submitted volume affects dilution factor and limit of detection. A sample volume of at least 200ml is recommended for potable water samples for environments with high-risk populations and some other applications. Guidance on sampling, action thresholds and other relevant information can be found at (<https://www.osha.gov>) as well as other international, national and local agencies.

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

"Other Legionella species" include, but are not limited to, the following organisms: *Legionella anisa*, *Legionella bozemanii*, *Legionella dumoffii*, *Legionella gormanii*, *Legionella jordanis*, *Legionella longbeachae* 1 and 2, and *Legionella micdadei*.

† The limit of detection is a raw count of 1 at the lowest dilution plated, represented here as a theoretical detection limit of 1 raw count/reporting unit x the dilution factor on the lowest dilution plated. The analytical sensitivity is represented as being equal to 1 raw count/reporting unit x the dilution factor, but on the on the lowest reportable (or countable) dilution plated.

§ Total CFU/unit has been rounded to two significant figures to reflect analytical precision.

‡ 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".