

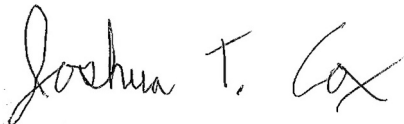
Report for:

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

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Regarding: Eurofins Aerotech Built Environment Testing, Inc.  
Project: Sample Report  
EML ID: 1082841

Approved by:



Business Unit Manager  
Joshua Cox

Dates of Analysis:  
PCR screen: Avian Pathogen: 07-05-2013

Service SOPs: PCR screen: Avian Pathogen (EM-BC-S-1097, EM-BS-S-1199 & EM-BC-S1206)

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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 Aerotech Built Environment Testing, Inc. ("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.

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

Date of Sampling: 06-28-2013  
Date of Receipt: 07-01-2013  
Date of Report: 07-05-2013

# **AVIAN PATHOGEN SCREEN: PCR METHODOLOGY**

Location:	1		2		3	
Comments (see below)	None		None		None	
Sample Type:	Polycarbonate Air Filter Cassette		Bulk sample		Swab sample	
Lab ID-Version‡:	4878065-1		4878066-1		4878076-1	
Sample Size:	0.92		0.253		1	
Unit:	m3		gram		swab	
	CE*	CE*/Unit	CE*	CE*/Unit	CE*	CE*/Unit
<i>Chlamydophila psittaci</i>	ND	<109	13	13	ND	<100
<i>Cryptococcus neoformans</i>	ND	<109	ND	<4000	77820	77820
<i>Histoplasma capsulatum</i> §	Absent		Absent		Present	

\*Cell equivalents ND = Not Detected

## **Comments:**

Method Reference: *Chlamydophila psittaci*- Madico, G., Quinn T.C., Boman, J., and Gaydos C.A. 2000. Touchdown enzyme time release-PCR for detection and identification of *Chlamydia trachomatis*, *C. pneumoniae*, and *C. psittaci* using the 16S and 16S-23S spacer rRNA genes. J. Clin. Microbiol. Vol. 38. 1085-1093

Method Reference: *Cryptococcus neoformans*- Bialek, R., Weiss, M., Bekure-Nemariam, K., Najvar, L.K., Alberdi, M.B., Graybill, J.R., and U. Reischl. 2002. Detection of *Cryptococcus neoformans* DNA in tissue samples by nested and real-time PCR assays. Clin Diagn Lab Immunol. 9:461-469

Method Reference: *Histoplasma capsulatum*- Reid, T.M. and Schafer, M.P., 1999. Direct detection of *Histoplasma capsulatum* in soil suspensions by two-stage PCR. Mol Cell Probes. 13(4):269-73.

§This organism requires a two-stage PCR method of analysis. As a result, detection can only be reported as "Present" or "Absent".

‡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".