



March 24, 2015



Laboratory Advisory Board

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- Mark D. Wozniak, MBA, CIAQP
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Business Manager
- Dr. Monroe J. King, PA
Allergist / Immunologist
Medical Consultant
- Arun Kapoor, MD
Occupational Medicine



Dear [REDACTED]

We appreciate the opportunity to provide you with our professional indoor environmental laboratory services. The following environmental assays were performed on the samples submitted by you:

• Formaldehyde Screen Check

The test result estimates the concentration of formaldehyde from the indoor air where the sampling device was placed. The source of formaldehyde in the air cannot be established by this method.

There is no universally accepted exposure limit for formaldehyde in indoor environments. However, the World Health Organization has endorsed an indoor air quality guideline of 0.1 mg/m³ (81 ppb) as protective against sensory irritation and long-term health effects (Reference: Guidelines for Indoor Air Quality; ISBN 978 92 89002134, WHO 2010). Agencies such as the U.S. Environmental Protection Agency and the U.S. Consumer Product Safety Commission also have resources and recommendations on formaldehyde exposure. For results that exceed 0.1 mg/m³ (81 ppb), a re-test or further evaluation may be warranted.

Please call me at 1-800-422-7873, ext. 301, should you have any questions. We look forward in assisting you to create a healthy indoor environment for you and your organization.

Sincerely,

Client: **Building Health Check, LLC**
Jobsite: [REDACTED]
Location : [REDACTED]

LAB #102795
PACS ID # : **05616**
Work Order # : **018318**
Project Date : **3/13/2015**
Date Issued : **3/24/2015**

Mech. Unit : **N/A**
Zone : **Master Bedroom**
Test Site : **4' Above Laminate Floor (GA 1735)**

Sample #	Sample Type	Date	Time	Results	Units
93354	Formaldehyde - with Lab Analysis	3/6/2015	6:40 am	16	ppb



April 10, 2015

Patty Cottington



Laboratory Advisory Board

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Re:

**Laboratory Analysis Report
Work Authorization # 06528-018539**

Dear Patty Cottington,

We appreciate the opportunity to provide you with our professional indoor environmental laboratory services. The following environmental assays were performed on the samples submitted by you:

• Formaldehyde Screen Check

The test result estimates the concentration of formaldehyde from the indoor air where the sampling device was placed. This method cannot identify the source of any formaldehyde detected in the air. Formaldehyde is a natural byproduct found in many homes and common household items. Formaldehyde is found in construction materials like insulation, composite wood products (such as cabinets, flooring, furniture, and plywood), engineered wood products, glues and adhesives, paints and coatings. Other sources include textiles, wallpaper, household cleaning products and soaps, preservatives, cosmetics, some air fresheners, pet care products, bactericides and fungicides. Formaldehyde is also found in tobacco smoke, gas stoves, kerosene space heaters, and fireplaces.

There is no universally accepted exposure limit for formaldehyde in indoor environments. However, the World Health Organization has endorsed an indoor air quality guideline of 0.1 mg/m³ (0.081 ppm) as protective against sensory irritation and long-term health effects (Reference: Guidelines for Indoor Air Quality; ISBN 978 92 89002134, WHO 2010). Agencies such as the U.S. Environmental Protection Agency and the U.S. Consumer Product Safety Commission also have resources and recommendations on formaldehyde exposure. For results that exceed 0.1 mg/m³ (0.081 ppm), a re-test or further evaluation may be warranted.

Please call me at 1-800-422-7873, ext. 301, should you have any questions. We look forward in assisting you to create a healthy indoor environment for you and your organization.

Sincerely,

Dr. Rajiv Sahay, CIAQP, FIAS
EDL Laboratory Director

¹ US EPA's TEACH Chemical Summary

² CPSC's Update on Formaldehyde



Laboratory Analysis Report "Other" Samples



Client: **Building Health Check, LLC**
Jobsite: **Patty Cottingham**
Location :

PACS ID # : **06528**
Work Order # : **018539**
Project Date : **3/30/2015**
Date Issued : **4/10/2015**

Mech. Unit : **N/A**
Zone: **Office**
Test Site: **Hanging**

Sample #	Sample Type	Date	Exposure Time	Badge #	Results*	Units
95525	Formaldehyde - with Lab Analysis	3/21/15	24.32 Hours	LLGA9747	0.038	ppm

Method of Analysis: NIOSH 2016 M

BDL = Below Detection Limit. Results are less than the method detection limit.

< = Less Than or Equal To. The analyte was detected but at a level too low to be accurately quantitated. The actual amount is less than or equal to the reported value.

* The VOC's and Formaldehyde analyses are performed by our AIHA LAP LLC accredited partner laboratories.

The results in this report apply only to the sample(s) specifically listed above and tested at Environmental Diagnostics Laboratory. Unless otherwise noted, samples were received in good condition. Laboratory-prepared Quality Control (QC) samples are analyzed with the samples routinely; however, unless a blank (control) is received, the result for the control is not compared.

Quality Controlled By : 

Approved By : 
Rajiv R. Sehay, Ph.D.