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**TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:**

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**REPORT INFORMATION:**

Report Date: April 18, 2017  
BMI Client/Project Number: 0721538  
Report of: Finished Good Sample Prep per CARB SOP  
BMI Lab Report Number: 0721538-12  
Sample ID Number(s): 2017-1534

**ASTM D6007-02 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small Scale Chamber  
NIOSH 3500: Formaldehyde by VIS (Chromotropic Acid procedure)  
Face-to-Face Configuration (Back Exposed)**

| CHAMBER TEST CONDITIONS/PARAMETERS                    |                                   |           |           |
|-------------------------------------------------------|-----------------------------------|-----------|-----------|
| Product Type:                                         | Medium Density Fiberboard (MDF)   |           |           |
| Chamber Load Ratio (m <sup>2</sup> /m <sup>3</sup> ): | 0.26                              |           |           |
| Chamber Dimensions (m):                               | 0.49 x 0.49 x 0.49 (Nominal)      |           |           |
| Chamber Volume (m <sup>3</sup> ):                     | 0.12m <sup>3</sup>                |           |           |
| Air Exchange Rate:                                    | 0.5 +/- 0.05 air changes per hour |           |           |
| Chamber Q/A Ratio (+/- 2%):                           | 1.905                             |           |           |
| No. Specimens in Charge:                              | 1                                 |           |           |
| No. Faces Exposed:                                    | 2                                 |           |           |
| Barometric Pressure (in Hg):                          | 29.5                              |           |           |
| Temperature (°C):                                     | Avg: 24.8                         | Min: 24.6 | Max: 25.0 |
| Relative Humidity (%):                                | Avg: 51                           | Min: 51   | Max: 51   |
| Length of Test (minutes):                             | 30                                |           |           |

| PRODUCT AND SAMPLE DATA                    |                           |                         |                                    |
|--------------------------------------------|---------------------------|-------------------------|------------------------------------|
| Product Name/Description:                  | Ibiza Laminate<br>PO 3515 |                         |                                    |
| Panel Manufacturer:                        | Not Specified             | Production Date:        | 1/13/2017                          |
| Supplier:<br>(if different than panel mfr) | See Above                 | Sample Collection Date: | 3/29/2017                          |
| Nominal Product Thickness:                 | 12.3 mm                   | Sample Test Date:       | 4/17/2017                          |
| Nominal Product Dimensions (L x W):        | N/S N/S                   | Sample Wrapping Method: | Wrapped Together in Vapor Retarder |
| Face Surface Condition:                    | Deconstructed FG          | Back Surface Condition: | Deconstructed FG                   |
| Lot/Batch No.:                             | N/S                       | Resin Type/Supplier:    | N/S                                |

| TEST RESULTS                                  |          |
|-----------------------------------------------|----------|
|                                               | Impinger |
| Observed Air Flow Rate (Observed L/min):      | 1.00     |
| Corrected Volume of Air Sample (Liters):      | 29.69    |
| Raw Absorbance Values                         |          |
| Absorbance #1                                 | 0.025    |
| Absorbance #2                                 | 0.025    |
| Absorbance #3                                 | 0.025    |
| Average Absorbance:                           | 0.025    |
| Unadjusted Concentration (ppm):               | 0.07     |
| Temperature Correction Factor 25°C:           | 1.02     |
| Relative Humidity Correction Factor 50% R.H.: | 0.99     |
| Standardized Concentration (ppm):**           | 0.07     |

\*\*BLQ = Test result is below the limit of quantification (<0.015 ppm)

| DECONSTRUCTED THICKNESS (inches): |       |         |       |
|-----------------------------------|-------|---------|-------|
| As Received:                      | 0.467 | - Face: | N/A   |
|                                   |       | - Back: | 0.442 |

\*Unless otherwise noted in "Other Comments", sample "deconstructed" per ARB finished goods sample preparation procedures.

| TEST ANNOTATIONS                                                                                                                                                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 30 +/- 2 minutes.                                              |
| 2) The samples were conditioned for seven (7) days prior to testing. The sample conditioning environment was maintained at 75 +/- 5°F (24 +/- 3°C) and 50% +/- 5% relative humidity. |
| 3) During conditioning and test, the background concentration of formaldehyde in air was 0.01 ppm or less.                                                                           |

| OTHER COMMENTS |
|----------------|
| Not Applicable |

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Respectfully Submitted,

Laboratory Manager  
Benchmark Holdings, LLC (BMH)  
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