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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

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REPORT INFORMATION:

Report Date: August 28, 2017
BMI Client/Project Number: 0721616
Report of: Finished Goods Ind #2 (Face/Back Exposed)
BMI Lab Report Number: 0721616-2
Sample ID Number(s): 2017-2287

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)
Standard Face-and-Back Sample Configuration

CHAMBER TEST CONDITIONS/PARAMETERS				
Product Type:	Finished Goods			
Chamber Load Ratio (m²/m³):	0.43			
Chamber Dimensions (m):	0.49 x 0.49 x 0.49 (Nominal)			
Chamber Volume (m³):	0.12m ³			
Air Exchange Rate:	0.5 +/- 0.05 air changes per hour			
Chamber Q/A Ratio (+/- 2%):	1.173			
No. Specimens in Charge:	1			
No. Faces Exposed:	2			
Barometric Pressure (in Hg):	29.7			
Temperature (°C):	Avg: 24.3	Min: 24.0	Max: 24.9	
Relative Humidity (%):	Avg: 52	Min: 52	Max: 52	
Length of Test (minutes):	30			

PRODUCT AND SAMPLE DATA			
Product Name/Description:	Trinity Bamboo Engineered Flooring-Natural Strand Bamboo/HDF Core/Poplar Back		
Panel Manufacturer:	Not Specified	Production Date:	7/22/2017
Supplier: <small>(if different than panel mfr)</small>	Zhejiang Yongyu Bamboo	Sample Collection Date:	7/22/2017
Nominal Product Thickness:	12 mm	Sample Test Date:	8/23/2017
Nominal Product Dimensions (L x W):	N/S N/S	Sample Wrapping Method:	Wrapped Together in Vapor Retarder
Face Surface Condition:	Stained/Coated	Back Surface Condition:	Unfinished
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):	30.00
Raw Absorbance Values	
Absorbance #1	0.010
Absorbance #2	0.011
Absorbance #3	0.012
Average Absorbance:	0.011
Unadjusted Concentration (ppm):	0.02
Temperature Correction Factor 25°C:	1.09
Relative Humidity Correction Factor 50% R.H.:	0.97
Standardized Concentration (ppm):**	0.02

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

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
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