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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

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REPORT INFORMATION:

Report Date: April 25, 2018
BMI Client/Project Number: 0721589
Report of: Finished Goods Ind #2 (Face/Back Exposed)
BMI Lab Report Number: 0721589-18
Sample ID Number(s): 2018-0608

**ASTM D6007-14 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: 24.8	Min: 24.6	Max: 25.0	
Relative Humidity (%):	Avg: 49	Min: 49	Max: 49	
Length of Test (minutes):	30			

PRODUCT AND SAMPLE DATA			
Product Name/Description:	Royal Oak Maison European Oak Veneer, Eucalyptus/Poplar Core		
Panel Manufacturer:	Zhejiang Yuhua Timber Co., Ltd.	Production Date:	9/8/2017
Supplier: (if different than panel mfr)	See Above	Sample Collection Date:	4/6/2018
Nominal Product Thickness:	16 mm	Sample Test Date:	4/24/2018
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.:	YH17-CLBY030	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	0.008
Absorbance #2	0.007
Absorbance #3	0.005
Average Absorbance:	0.007
Unadjusted Concentration (ppm):	0.01
Temperature Correction Factor 25°C:	1.02
Relative Humidity Correction Factor 50% R.H.:	1.03
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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