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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: 0721538-13
Sample ID Number(s): 2017-1535

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 (m²/m³):	0.26		
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%):	1.905		
No. Specimens in Charge:	1		
No. Faces Exposed:	2		
Barometric Pressure (in Hg):	29.5		
Temperature (°C):	Avg: 24.7	Min: 24.5	Max: 24.9
Relative Humidity (%):	Avg: 51	Min: 51	Max: 51
Length of Test (minutes):	30		

PRODUCT AND SAMPLE DATA			
Product Name/Description:	Ancient Beech Laminate PO 3516		
Panel Manufacturer:	Not Specified	Production Date:	11/13/2016
Supplier: <small>(if different than panel mfr)</small>	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):	29.70
Raw Absorbance Values	
Absorbance #1	0.038
Absorbance #2	0.035
Absorbance #3	0.039
Average Absorbance:	0.037
Unadjusted Concentration (ppm):	0.10
Temperature Correction Factor 25°C:	1.03
Relative Humidity Correction Factor 50% R.H.:	0.98
Standardized Concentration (ppm):**	0.10

**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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