



Reporting Laboratory:
Benchmark International, LLC (BMI)
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TESTING CONDUCTED ON BEHALF OF THE NAMED CLIENT BELOW:

Ambient
8230 Preston Ct. Unit C
Jessup, MD 20794 USA

REPORT INFORMATION:

Report Date:	July 12, 2024
BMI Client/Project Number:	0721473
Report of:	Finished Goods Ind #1 (Face Exposed)
BMI Lab Report Number:	0721473-52rev1
Sample ID Number(s):	2024-0468

ASTM D6007-22 Standard Test Method for Determining Formaldehyde Concentration in Air from Wood Products Using a Small-Scale Chamber
 ASTM D5197-21: Standard Test Method for Determination of Formaldehyde and Other Carbonyl Compounds in Air (Active Sampler Methodology)
 Back-to-Back Sample Configuration (Face Exposed)

CHAMBER TEST CONDITIONS/PARAMETERS				
Product Type:	Finished Goods			
Chamber Load Ratio (m ² /m ³):	0.86			
Chamber Dimensions (m):	0.39 x 0.39 x 0.39 (Nominal)			
Chamber Volume (m ³):	0.06m ³			
Air Exchange Rate:	1.0 +/- 0.05 air changes per hour			
Chamber Q/A Ratio (+/- 2%):	1.172			
No. Specimens in Charge:	1			
No. Faces Exposed:	2			
Temperature (°C):	Avg: 24.5	Min: 24.3	Max: 24.7	
Relative Humidity (%):	Avg: 50	Min: 49	Max: 50	
Length of Test (minutes):	60			

TEST RESULTS	
	Value:
Observed Air Flow Rate (Liters/min):	1.00
Corrected Volume of Air Sample (Liters):	60.0
Sample Concentration (µg/mL):	0.009
Sample Eluent Dilution Factor:	N/A
Unadjusted Concentration in Air (ppm):	0.001
Temperature Correction Factor to 25 :	1.05
Relative Humidity Correction Factor to 50% R.H.:	1.00
Standardized Concentration in Air (ppm):	**<0.005
**<0.005ppm = Test result is below the limit of quantification	

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CUSTOMER-SUPPLIED PRODUCT AND SAMPLE DATA			
Product Name/Description:	14mm Engineered Strand Woven Bamboo Flooring		
Panel Manufacturer:	Not Specified	Production Date:	Not Specified
Supplier: (if different than panel mfr)	See Above	Sample Collection Date:	Not Specified
Nominal Product Thickness:	14 mm	Specimen Test Date:	5/3/2024
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:	Stained/Coated
Lot/Batch No.:	N/S	Panel Production Line:	N/S
Resin Supplier Name:	Not Specified	Resin Name/Type:	Not Specified
Sample Collected by:	Client	Sample Collector Name:	Oksana Tsybenko

TEST ANNOTATIONS			
1) The test chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute (L/min) for 60 +/- 2 minutes.			
2) Unless otherwise noted, test specimens were prepared per test method requirements. Specimens were conditioned for 168 hours +/- 3 hours prior to testing. The specimen conditioning environment was maintained at 75°F +/- 5°F (24°C +/- 3°C) and 50% +/- 5% relative humidity.			
3) During conditioning and test, the background concentration of formaldehyde in air was 0.005 ppm or less.			
4) ASTM E1333/ASTM D6007 Equivalence C-Value (Low Range): 0.014 Date: 4/10/2023 ASTM E1333/ASTM D6007 Equivalence C-Value (Mid Range): 0.029 Date: 4/26/2023			
5) Test Technician Name: A. Malsch			

OTHER COMMENTS
This report has been revised to correct the Client Name.

Respectfully Submitted,

Laboratory Manager
 Benchmark Holdings, LLC (BMH)
 Benchmark International, LLC (BMI)

