



# Capital Testing and Certification Services

(formerly HPVA Laboratories)

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## TEST REPORT ON FORMALDEHYDE EMISSIONS FROM WOOD PRODUCTS:

### Back-to-Back Configuration - Faces Only

Test Method: ASTM D6007-14

Analytical Procedure: Modified NIOSH 3500

CUSTOMER INFORMATION	SAMPLE IDENTIFICATION
Fibonacci LLC (DBA: HempWood) 301 Rockwood Road Murray, KY 42071	Test ID#: FSC4290 Date of Test: 12/9/2021 Customer Sample ID: 11J21 Adhesive: See notes below

SAMPLE DESCRIPTION			
Product Type:	5/8" HempWood "face" attached to HWPW-VC (finished "face" exposed)	Sample Thickness:	5/8"
Core Type:	HWPW VC	Sample shipped/stored in:	Vapor Barrier
Sample Condition:	OK	Date Selected:	N/A
Date of Manufacture:	10/11/2021	Date Received:	11/22/2021
Date Conditioned:	12/2/2021	Selected and Described By:	Client
Date Tested:	12/9/2021	Sample Plan:	PAY

CONDITIONING DATA	Value	Units
Temperature: (range)	24.0;(23.25-25.25)	°C
Relative Humidity: (range)	51;(46-57)	% RH
Conditioning Background HCHO:	BLQ	ppm
Conditioning Time:	168	hours
Chamber Background HCHO:	BLQ	ppm

TEST DATA	Value	Units
Test Chamber:	2	n/a
Chamber Location:	Sterling, VA USA	n/a
Test Chamber Volume* :	2.33 ft <sup>3</sup> ; 1.14' H x 1.58' W x 1.27' D	ft <sup>3</sup>
Loading Ratio (ft <sup>2</sup> /ft <sup>3</sup> ) :	0.52	ft <sup>2</sup> /ft <sup>3</sup>
Q/A Ratio :	1.17	m <sup>3</sup> /h air per m <sup>2</sup> test area
# of Specimens in Test:	3	n/a
Sample Size:	4 4/5" x 6"	inches
Total Surfaces Exposed:	6	surfaces
Edges Sealed:	Yes	n/a
Test Temperature: (range):	25.25;(25.5-25.25)	°C
Relative Humidity: (range):	49;(49-49)	% RH
Air Change Rate:	2	AC/h
Sample Flow Rate:	1.00	L/min
Sample Collection Time:	60	Min.
TEST RESULT: (At Test Conditions)	BLQ	ppm
<b>TEST RESULT: (Corrected to 77°F &amp; 50%RH)</b>	<b>BLQ</b>	<b>ppm</b>
UNCERTAINTY (+/-):		n/a

\*Dimensions of only the chamber proper are reported. The displayed chamber volume includes additional 0.045 ft<sup>3</sup> of interior volume not contained in the chamber proper.

BLQ = Below Limit of Quantitation = less than 0.008 ppm

NOTES:	Client provided the following additional product information:
(including any deviations from the ASTM procedure or sample defects)	HempWood: Soy based Adhesive Flooring Lay-up: PUR hot melt CORE: Purebond Plywood Product Code: 11J21 Cold press HempWood and Hot melt flooring

Josh Hosen  
Director of Certification Programs

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