



Capital Testing and Certification Services

(formerly HPVA Laboratories)
 42777 Trade West Drive, Sterling, VA 20166
 PHONE 571-300-7050 FAX 703-435-2537



TEST REPORT ON FORMALDEHYDE EMISSIONS FROM WOOD PRODUCTS: Standard Face and Back Configuration

Test Method: ASTM D6007-14

Analytical Procedure: Modified NIOSH 3500

CUSTOMER INFORMATION	SAMPLE IDENTIFICATION
Specialty Organics Inc. 16276 Koala Road Adelanto, CA 92301	Test ID#: FSC4074 Date of Test: 5/17/2021 Customer Sample ID: Breezebond Adhesive: Soy

SAMPLE DESCRIPTION			
Product Type:	0.072" 3-ply Hardwood Plywood	Sample Thickness:	0.072"
Core Type:	HWPW-VC	Sample shipped/stored in:	Vapor Barrier
Sample Condition:	OK	Date Selected:	n/a
Date of Manufacture:	5/7/2021	Date Received:	5/10/2021
Date Conditioned:	5/10/2021	Selected and Described By:	Client
Date Tested:	5/17/2021	Sample Plan:	PAY

CONDITIONING DATA	Value	Units
Temperature: (range)	24.25;(23.0-26.0)	°C
Relative Humidity: (range)	48;(47-51)	% RH
Conditioning Background HCHO:	BLQ	ppm
Conditioning Time:	168	hours
Chamber Background HCHO:	BLQ	ppm

TEST DATA	Value	Units
Test Chamber:	1	n/a
Chamber Location:	Sterling, VA USA	n/a
Test Chamber Volume* :	2.33 ft ³ ; 1.14' H x 1.58' W x 1.27' D	ft ³
Loading Ratio (ft ² /ft ³) :	1.04	ft ² /ft ³
Q/A Ratio :	1.17	m ³ /h air per m ² test area
# of Specimens in Test:	10	n/a
Sample Size:	9 @ 2 7/16" x 7 9/16" & 1 @ 2 7/16" x 3 3/4"	inches
Total Surfaces Exposed:	20	surfaces
Edges Sealed:	Yes	n/a
Test Temperature; (range):	24.5;(24.75-24.5)	°C
Relative Humidity; (range):	49;(49-49)	% RH
Air Change Rate:	4	AC/h
Sample Flow Rate:	1.00	L/min
Sample Collection Time:	60	Min.
TEST RESULT: (At Test Conditions)	BLQ	ppm
TEST RESULT: (Corrected to 77°F & 50%RH)	BLQ	ppm
UNCERTAINTY (+/-):		n/a

*Dimensions of only the chamber proper are reported. The displayed chamber volume includes additional 0.045 ft³ of interior volume not contained in the chamber proper.

BLQ = Below Limit of Quantitation = less than 0.008 ppm

NOTES:
(including any deviations from the ASTM procedure or sample defects)
Specimens had exposed cured resin on the faces and backs. This did not appear to impact the product's emissions.
Additional product information provided by client:
Formaldehyde-free soy based adhesive
Sample ID: BB (1-11)
Maple Wood Veneer Raw/Unbacked prior to adhesive
Hot pressed at 120C for 2 minutes

Josh Hosen

Josh Hosen
 Director of Certification Programs

The observations and test results in this report are relevant only to the sample(s) tested. Capital Testing and Certification Services (herein referred to as Capital Testing) does not verify information that is provided by the client. This test report in no way constitutes or implies product certification, approval or endorsement by Capital Testing. Capital Testing assumes no liability to any party, other than to the Client in accordance with the terms and conditions agreement, for any loss, expense or damage occasioned by the use of this report. This report, the Capital Testing name or any of its marks, shall not be used for the sale or advertisement of the tested material. This report shall not be reproduced, except in full, or modified in any way.