



Universal Testing & Research Centre

A division of Sustainable Stewardship Pvt. Ltd.

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Ref. No. UTRC/QAI/332

Date: 29th Apr 2026

Robin Resources (Malaysia) SDN BHD

No.1 Jalan Industri 5, Taman Perindustrian Temerloh
28400 Mentakab
Pahang Darul Makmur
Malaysia

(Attn. Mr. Ben Vaughn)

Subject - Test Report Formaldehyde Emission Testing

Dear Sir,

With reference to your sample ID Form, regarding to the above mentioned matter, I would like to inform you that one (1) set of MDF sample labelled as CSI-17120-Q1-18MM-2026-1A 1B 1C has been received on 22.04.2026. The test report was prepared according to ASTM D6007-22 (Standard Test method for Determining Formaldehyde Concentrations in Air from Wood products using a small-scale Chamber).

Specification:

Specification for formaldehyde emission testing (small chamber method) were referring to CARB P2 EPA TSCA title VI Compliant as below.

Formaldehyde Emission requirements in parts per million (ppm)					
	HWPW-VC	HWPW-CC	PB	MDF	Thin MDF
January 2010	0.05	-----	-----	-----	-----
January 2011	-----	-----	0.09	0.11	-----
January 2012	-----	-----	-----	-----	0.13
July 2012	-----	0.05	-----	-----	-----
HWPW-VC=Hardwood Plywood Veneer Core, HWPW-CC=Hardwood Plywood Composite Core					

Thank you,

You're sincerely,

For M/S Universal Testing and Research Centre
(A division of Sustainable Stewardship Private Limited)


Mr. Manish Sharma
Senior Chemical Analyst



Test Report

Report No: UTRC/CSI/26042201

Date: 29th Apr 2026

Customer

Name and Address : **Robin Resources (Malaysia) SDN BHD**
No.1 Jalan Industri 5, Taman Perindustrian Temerloh
28400 Mentakab
Pahang Darul Makmur
Malaysia

Sample Description

Sample ID : CSI-17120-Q1-18MM-2026-1A 1B 1C
Material Identity : MDF
Manufactured by : Robin Resources (Malaysia) SDN BHD
Product Lot # : C0806D6A-15D6A
Mill # : CSI-17120
Adhesive type : UF
Special Treatment : -
Number of Test Sample : 1 (3 pcs)
Panel thickness : 18.0 mm
Dimension of panel : 300 mm x 300 mm
Product Line : 1
Product Lot Volume (m³) : 138
Wrapped/Shipped/Stored : Wrapped by polyethylene film
Original box/product history

Note: The remaining sample will be disposed after testing has been carried out.

Test Performed

Tested for : Formaldehyde determination
Standard Method : ASTM D6007- 22 (Standard Test Method for Determining
Formaldehyde Concentrations in Air from Wood Products
Using a Small-Scale Chamber)
Q/A Ratio (m/h) : 1.905
Date of Formaldehyde : 28 April 2026
Determination

For M/S Universal Testing and Research Centre
(A division of Sustainable Stewardship Private Limited)

Manish
Universal Testing & Research Centre
New Delhi

Mr. Manish Sharma
Senior Chemical Analyst



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ISO/IEC 17025:2017
QAI/CIA/TL/2023/0029

Test Results

Report No: UTRC/CSi/26042202

Date: 29th Apr 2026

Small Scale Chamber

Sample Configuration Testing : Standard face and back
Product type : MDF
Production Date : 06 April 2026
Date Sampled : 16 April 2026
Date Received : 22 April 2026
Standard test Method : ASTM D6007-22
Date tested : 28 April 2026
Sample Conditioning : 168 h at 24°C and 50% RH
Average Sampling temperature : 24.9°C (24.7 -25.1°C)
Average Sampling RH : 50 % (48 -52%)
Air Sampling : 1 L/min for 30 minutes
Surfaces exposed : 6
Chamber Volume : 1 m³
Analytical Method : NIOSH 3500 Chromotropic acid
Conditioning Concentration : <0.01 ppm Formaldehyde
Make-up Air Concentration : <0.01 ppm Formaldehyde
Formaldehyde Background concentration of air in chamber prior to test : <0.01 ppm Formaldehyde

Following results were obtained on analysis:

Sample Label	Temperature (°C)	RH (%)	Formaldehyde Concentration (ppm)	Formaldehyde Concentration (ppm) Corrected to 25°C, 50% RH
CSi-17120-Q1-18MM-2026-1A 1B 1C	24.9	50	0.05	0.05

For M/S Universal Testing and Research Centre
(A division of Sustainable Stewardship Private Limited)


Mr. Manish Sharma
Senior Chemical Analyst

***** End of the Test Report *****

Terms and Conditions

1. The results pertain solely to the samples tested and the parameters applicable. No endorsement of the product is implied or inferred.
2. The total liability of the laboratory is limited to the invoiced amount.
3. Samples will be retained for 90 days from the date of the test report unless otherwise specified. After this period, they will be destroyed.
4. This report may not be reproduced, either wholly or in part, and cannot be used as evidence in any court of law or in any advertising material without prior written permission.



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5. The report is based on the sample submitted, unless otherwise stated. The sample was not drawn by us, laboratory assumes no responsibility for the accuracy of information such as brand name, model number, origin of manufacture, or consignment details provided by the client.
6. Nothing in this report should be construed as an endorsement, certification, or verification of any marks or certifications from other testing authorities or bodies.
7. The test report relates only to the specific sample provided for testing.
8. The report is based on instructions and information provided by the client.
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