



Test Report

Report No. : SSUTRC/26013102

Dated: 19 Feb 2026

Applicant : ARCL Organics Ltd.

Contact Information : Rampur, Budge Trunk Road, Kolkata, South Twenty
Four Parganas, West Bengal – 700141, India

Contact Person : Mr. US Panda

Product Type : Plywood

Product Thickness : 8 mm

Sample Size/Qty. : 200 x 280 mm (02 pcs)

Product Batch/Lot No. : 120126

Resin system : SB BR 204G

Date of Manufacture : 12 Jan 2026

Sample Receiving Date : 31 Jan 2026

Testing Period : 10 Feb 2026 to 14 Feb 2026

Test Specification:

Formaldehyde emission based on BS EN 717-1: 2004

Test Result

PASS

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


Mr. Manish Sharma
Senior Analyst



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Formaldehyde emission based on BS EN 717-1: 2004

1. Test method: BS EN 717-1: 2004 Wood-based panels – Determination of formaldehyde release – Part 1: Formaldehyde emission by the chamber method.

Following results were obtained on analysis:

S. No.	Test Parameter	Unit	Result	Compliance Limit for class E1 with reference to EN 13986:2004+A1:2015	Conclusion
1.	Formaldehyde Emission	mg/m ³	0.02	≤ 0.124	Pass

Detection Limit – 0.01 mg/m³

2. Summary of Environmental Conditions and Apparatus:

Chamber Volume (V)	0.225 m ³
Air Exchange rate	1.0/h
Total Surface area of sample (A)	0.224m ²
Loading Ratio (L= A/V)	1.0m ² /m ³
Chamber Temperature	23°C
Chamber Humidity	45 %
Volume of trapping solution (V _{sol})	50 ml
Air Sample flow rate (R)	2 LPM
Sampling Duration (t)	60 Minutes
Air Velocity at the surface of the specimen	0.1-0.3m/s

3. Emission in steady state: Value of emission in steady state: 0.02mg/m³ (96 hours)

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4. Sample Photo for BS EN 717-1 2004

Sample Photo



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Mr. Manish Sharma
Senior Analyst

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

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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.
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