



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi – 110007 (India)
An ISO - 9001, 14001 & 45001 Certified Institute

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TEST REPORT

NO : C1/0000408983

Issued To :

Client Code : (NODA01S5494)
SKYDECOR LAMINATES PRIVATE LTD.
F-26, SECTOR-8
NOIDA
UTTAR PRADESH-201301
Kind Attn: MS. CHAMPA SAHA, SR. MANAGER

Date of issue : 13/11/2025
Job No : 2511-1-111-256
Booking No : RG2526/1/5593
Booking Date : 05/11/2025
Customer Ref No. : -
Customer Ref Dt. : 05/11/2025
Location : Laboratory

Sample Particulars:

Sample of ACRYLIC HPL, was received.

“The sampling was not carried out by Shriram Institute for Industrial Research. The sample details provided in test report are based on declaration by the customer.”

Job No.: 2511-1-111-256

Discipline: Biological

Group: Biological Test and Other Miscellaneous Test Items

Product Details : ACRYLIC HPL

Test : Antibacterial Activity and Efficacy of ACRYLIC HPL

Protocol : As per guidelines of JIS-Z2801-2012

Test Organisms : *Staphylococcus aureus* and *Escherichia coli*

Sample Size taken : 50 mm x 50 mm pieces

TEST RESULTS

1) Antibacterial Activity and Efficacy against *Staphylococcus aureus*

S. No.	Untreated sample	No of colonies (in cfu/piece)	Log Value
1	Number of bacteria inoculated per piece at 0 hrs (U_0)	5.2×10^4	4.71
2	Number of bacteria inoculated per piece after 24 hrs incubation (U_t)	5.8×10^4	4.76

Reviewed and Authorized by
EMPLOYEE CODE: (5119)

GC-01(Rev-05)

1/2

Note: The results relate only to the items tested / calibrated above.

Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.



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S. No.	ACRYLIC HPL	No of colonies (in cfu/piece)	Log Value (A _t)	Antibacterial Activity after 24 hrs (U-A _t)
3	Number of bacteria inoculated per piece at 24 hrs (A _t)	<1	0	4.76

2) Antibacterial Activity and Efficacy against *Escherichia coli*

S. No.	Untreated sample	No of colonies (in cfu/piece)	Log Value
1	Number of bacteria inoculated per piece at 0 hrs (U ₀)	5.2 x 10 ⁴	4.71
2	Number of bacteria inoculated per piece after 24 hrs incubation (U _t)	5.7 x 10 ⁴	4.75

S. No.	ACRYLIC HPL	No of colonies (in cfu/piece)	Log Value (A _t)	Antibacterial Activity after 24 hrs (U-A _t)
3	Number of bacteria inoculated per piece at 24 hrs (A _t)	<1	0	4.75

Interpretation: The Antibacterial Activity and Efficacy of ACRYLIC HPL was found 4.76 against *Staphylococcus aureus* and 4.75 against *Escherichia coli* which were above the value of 2.0 as per guidelines of JIS-Z2801-2012, hence sample passes the test.

End of Report

Date of Receipt : 05.11.2025
Date of Start : 08.11.2025
Date of Completion : 13.11.2025

Reviewed and Authorized by
EMPLOYEE CODE:(519)

GC-01(Rev-05)

2/2

Note: The results relate only to the items tested / calibrated above.
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