

**SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH**

(A unit of Shriram Scientific and Industrial Research Foundation)

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## TEST REPORT

NO : C1/0000340688

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 ( $U_0$ )	$4.8 \times 10^4$	4.68
2	Number of bacteria inoculated per piece after 24 hrs incubation ( $U_t$ )	$5.7 \times 10^4$	4.76

S. No.	Treated sample (High Pressure Laminate Sheet)	No of colonies (in cfu/piece)	Log Value ( $A_t$ )	Antibacterial Activity after 24 hrs ( $U_t - A_t$ )
3	Number of bacteria inoculated per piece at 24 hrs ( $A_t$ )	Less than 1	0	4.76

**Interpretation:** The Antibacterial Activity and Efficacy of HIGH PRESSURE LAMINATE SHEET was found 4.77 against *Staphylococcus aureus* and 4.76 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\*

DOR : 06.10.2023

DOS : 06.10.2023

DOC : 26.10.2023

AUTHORISED SIGNATORY  
EMPLOYEE CODE: (5419)

GC-01 (Rev-05)

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