

TEST REPORT NUMBER : MUM57315 / 2020



Testtex India Laboratories Pvt. Ltd.

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Testing Textiles, Leather Products, Footwear, Water, Food, Packaging Material, Construction Materials & Consumer Goods

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TEST REPORT

REPORT NUMBER : MUM57315 / 2020		MUMBAI
ULR No. : TC583520200036170P		
NAME OF CLIENT : M/S MOHAMAD AMIN ABDUL RAHMAN SAIT.		
Address : #3275, 12TH Main, HAL 2ND Stage, Indiranagar, Bangalore - 560038	Date Of Sample Submission : 27-10-2020	
	Date Of Test Start : 02-11-2020	
	Date Of Test Completion : 04-11-2020	
	Date Of Reporting : 04-11-2020	
Contact Person : Mr. Ameen Rahaman		
Cell No : +91 9845050098		
E - Mail: ar@ficuspax.com		
Sample Description : Pine Wood, XTS 80 GPL		

Name of Test : Test Method for Antimicrobial Activity of Hard Non-Porous Surfaces – JIS Z 2801: 2012

Purpose of Test : Antiviral Finishes on Hard Non-Porous Surfaces

Test Organisms : Escherichia coli bacteriophage MS2 ATCC 15597

Test Conditions :

1. **Contact Time : 10 & 30 Minutes at 35°C +/- 1°C**
2. **Incubation Temp : 35°C +/- 1°C**
3. **Neutralizer Used : SCDLP**
4. **Media and Reagent : TSA Agar**
5. **Incubation Period : 48 Hours**

Sample Identification	Parameter	Count after 0hr (Cfu / Sample)	Log of 0 hr	Count after 10 min (Cfu / sample)	Log of 10 min	R = [Log B – Log C]	% Reduction
Treated	MS2 Bacteriophage	13100	5.117271296	28000	4.447158	1.260412145	94.50 %
Un-Treated		13500	5.130333768	510000	5.70757		

Sample Identification	Parameter	Count after 0hr (Cfu / Sample)	Log of 0 hr	Count after 30 min (Cfu / sample)	Log of 30 min	R = [Log B – Log C]	% Reduction
Treated	MS2 Bacteriophage	13100	5.117271296	7800	3.8920946	4.02171925	99.99 %
Un-Treated		13500	5.130333768	82000000	7.9138139		

Note : A Value of 2.0 or above is considered “antimicrobial” by JIS

Where,

R = Value of antimicrobial activity

A = Average of the number of viable cells of bacteria immediately after inoculation on the untreated test piece.

B = Average of the number of viable cells of bacteria on the untreated piece after 24 hrs.

C = Average of the number of viable cells of bacteria on the treated piece after 24 hrs.

Remark : Sample shows antiviral activity.



AUTHORISED SIGNATORY

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