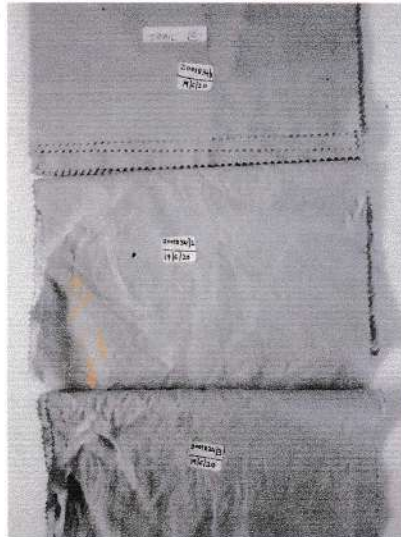


TEST REPORT

LAB NO. : 2001834/ 1 - 3
DATE: 15/07/2020

NAME OF CUSTOMER : M/S KRUSHA ENTERPRISES LLP
ADDRESS : Ground Floor, Shreeram Mansion, Prarthna Samaj, Mumbai 400004
REFERENCE : Letter Ref. No.: Nil dated June 23, 2020
 K. Attention: Mr. Kruti Adnani
DATE OF RECEIPT : 23/06/2020
DATE OF INITIATION : 26/06/2020
DATE OF COMPLETION : 14/07/2020
SAMPLE DESCRIPTION : Fabric Sample Labeled as: - (Photograph attached)

Sr. No.	Description	other details
1.	Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20	Original
2.	Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20	after 25 washes
3.	Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20	after 50 washes





BIOTECH TESTING SERVICES

Name of Test:

Evaluation of Antimicrobial Activity by AATCC 100-2012

Test Inoculum:

1. Staphylococcus aureus ATCC 6538 (1.60×10^5 CFU/ml)
2. Klebsiella pneumoniae ATCC 4352 (1.70×10^5 CFU/ml)

Additional Test Information:

1. Sample size: 48 mm discs
2. No. of swatches used: 4
3. Method of Sterilisation of sample: Free steaming
4. Inoculum Carrier: Phosphate Buffered water
5. Neutraliser: DE Broth

Results:

Fabric swatches in contact with individual test cultures for 24 hrs at 37° C showed the following results:-

Sample Identification	Test Culture	No. of Bacteria per sample (CFU/ml)		Percentage Reduction of Microorganism (R)
		Inoculated Sample at 0 hours (B)	Inoculated Sample at 24 hours (A)	
Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20 Original	Staph. aureus	1.68×10^5	<10	>99.99
	K. pneumoniae	1.73×10^5	1.60×10^2	99.90
Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20 after 25 washes	Staph. aureus	1.67×10^5	2.30×10^2	99.86
	K. pneumoniae	1.75×10^5	4.40×10^2	99.74
Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20 after 50 washes	Staph. aureus	1.63×10^5	5.20×10^2	99.68
	K. pneumoniae	1.70×10^5	1.62×10^3	99.04

REMARKS:

1. CFU: Colony Forming Unit = No. of Microorganisms
2. Percentage Reduction of Microorganisms (R) = $100 (B - A / B)$

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• Samples are not drawn by the laboratory • Result relate only to the samples tested
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INTERPRETATION:

Fabric sample labeled as Virus Shield – AU, 100% Cotton Fabric, of Tevero CGG- 26/05/ 20 - **Original** has shown **>99.99%** and **99.90%** antimicrobial activity; **after 25 washes** has shown **99.86%** and **99.74%** antimicrobial activity; **after 50 washes** has shown **99.68%** and **99.04%** antimicrobial activity towards Staphylococcus aureus and Klebsiella pneumonia respectively when analyzed as per AATCC 100 - 2012 test Method.



For BIOTECH TESTING SERVICES

Dr Shilpa U. Nair
Quality Manager
(Authorized Signatory)

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