



BIOTECH TESTING SERVICES

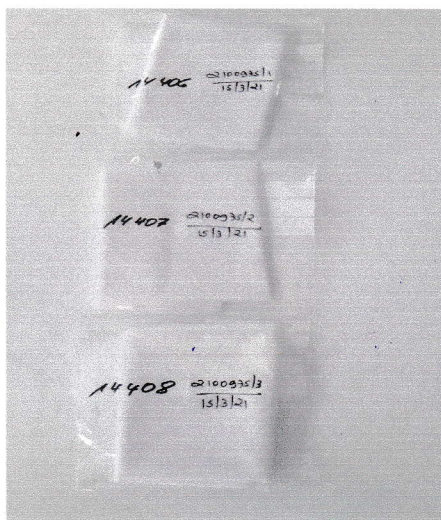
TEST REPORT

LAB NO. : 2100975/ 1 - 3

DATE: 20/03/2021

NAME OF CUSTOMER : M/s. Hohmann GmbH & Co. KG
ADDRESS : Bärenbrunn 4,
95233 Helmbrechts,
Germany
REFERENCE : Letter Ref.: AWE-21-618 FR dated 11/03/2021
DATE OF RECEIPT : 15/03/2021
DATE OF INITIATION : 15/03/2021
DATE OF COMPLETION : 20/03/2021
SAMPLE DESCRIPTION : Test specimen labeled as -

Sa. Nr.	Samples / material	treatment / washes / Cleaning	SK 70
14406	PES woven fabric, white	Untreated	U
14407	dtto	Finish with RUCO-AIR TF1/RUCO-BAC AGP	1
14408	dtto	Finish with RUCO-AGP	3
Lab Control	Control Fabric		-





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Name of Test:

Evaluation of Antimicrobial Activity of Fabric samples by ASTM: E 2149-2020

Test Organisms Used:

Meticillin Resistant Staphylococcus aureus (MRSA) S- 129 (1.90×10^5 CFU/ ml)

Quantity of Sample:

1 gram

Results:

Fabric pieces in contact with bacterial suspension on wrist arm shaker for 24 hr shows –

Sample Identification	Test Organism: MR Staph. aureus (CFU/ ml)		Percentage Reduction of Bacteria (R)
	Inoculated Sample at 0 hours (B)	Inoculated Sample at 24 hours (A)	
14406	1.93×10^5	3.00×10^5	0.00
14407	1.90×10^5	<10	>99.99
14408	1.92×10^5	5.10×10^2	99.73
Lab. Control	2.00×10^5	3.20×10^5	0.00

REMARKS:

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

INTERPRETATION:

Fabric labeled as **14406** has shown **0.00%** antimicrobial activity; **14407** has shown **>99.99%** antimicrobial activity; **14408** has shown **99.73%** antimicrobial activity towards Meticillin Resistant Staphylococcus aureus (MRSA) respectively when tested according to **ASTM: E 2149-2020**.



For BIOTECH TESTING SERVICES

Dr Shilpa U. Nair
Quality Manager
(Authorized Signatory)

2100975/1 - 3
Page 2 of 2

- Samples are not drawn by the laboratory
- Result relate only to the samples tested
- This report shall not be reproduced except in full without prior permission of this laboratory