

Test Report

Number

: TWNC00877992

Applicant: BIOFAST BIOTECH ORIGINALITY STUDY CO., LTD

No.350, Ln. 165, Sec. 1, Tanxing Rd., Tanzi Dist., Taichung City 42743, Taiwan Date Issued

: Apr 17, 2020

Sample Description:

One (1) Piece of Submitted Sample Said To Be:

Item Name

: GD80216

Color

-

Quantity

: 1 Piece

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Authorized By:

On behalf of Intertek Testing Services

Taiwan Limited

Carol Peng General Manager Signed by:

Momas Chou

Thomas Chou Manager

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Test Conducted:

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1. **Antibacterial Activity Test**

As per AATCC TM100-2019.

Test Organism: Staphylococcus aureus (ATCC 6538)

Klebsiella pneumoniae (ATCC 4352)

Sterilization Of Sample Before Test: No Sterilization

Neutralizing Solution: Dey Engley Broth

Concentration Of Surfactant: 0.05% Triton X-100

Contact Time: 24 Hours

Incubation Temperature: 37±2°C Incubation Period: 24-48 Hours Agar Medium: Nutrient Agar Swatches Weight: 1.0±0.1 g

Tested Specimen: Submitted Sample (Swatches with 3.8 X 3.8±0.1 cm)

Result:

Name Of Test Bacteria (Strain Number)	Staphylococcus aureus (ATCC 6538)	Klebsiella pneumoniae (ATCC 4352)
The number of bacteria recovered from the inoculated viability control fabric swatches immediately after inoculation ("0" contact time) (D)	1.62X10 ⁵ CFU/Sample	1.85X10 ⁵ CFU/Sample
The number of bacteria recovered from the inoculated viability control fabric swatches incubated over 24 hours contact period (B)	4.40X10 ⁷ CFU/Sample	3.73X10 ⁷ CFU/Sample
The number of bacteria recovered from the inoculated tested sample swatches immediately after inoculation ("0" contact time) (C)	1.57X10 ⁵ CFU/Sample	1.77X10 ⁵ CFU/Sample
The number of bacteria recovered from the inoculated tested sample swatches incubated over 24 hours contact period (A)	<100 CFU/Sample	<100 CFU/Sample
Growth value (F)	2.43	2.30
Percent reduction of Bacteria (R)	>99.94%	>99.94%









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Test Conducted:

Antibacterial Activity Test: (Cont'd)

Calculation of percent reduction of Bacteria:

 $R = (C-A)/C \times 100\%$ F = Log B - Log D

CFU = Colony forming unit Remarks:

< = Less than > = More than

Viability control fabric = Cotton standard adjacent fabric(cotton No.3) specified in JIS L0803

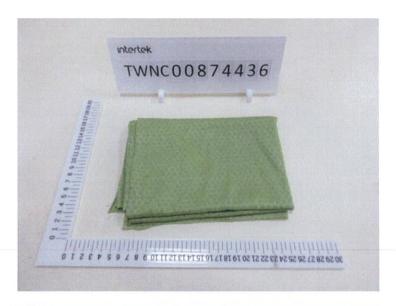
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End of Report

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Reporting Statements of Conformity: Please note that the test results contain statement of conformity with the decision rules which are based on the specifications of customers, regulations and standards, and does not consider measurement uncertainty.



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