



Test Report

Applicant : TAKO INNOVATIONS SL
CALLE BALMES 173
40 2A 08006
BARCELONA
SPAIN

Issue Date : Sep 30, 2025

Attn : ELIZABETH

SAMPLE DESCRIPTION AS DECLARED

No. of Sample	One
Fibre Content	-
Material	Fabric
Finishing	-
End Uses	-
Colour	Raw
Style No.	-
Order No./PO No.	-
Standard	-
Buyer's Name	-
Manufacture's Name	-
Ref	-
Date Received/ Date Test Started	Sep 01, 2025

Approved By:
Intertek Testing Services Hong Kong Limited



Amy Wong
Assistant General Manager

Prepared By: Man Chow

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1 Anti-Bacterial Activity Test (Quantitative)

GB/T 20944.3-2008 <Textiles-Determination of antibacterial activity-Part 3: Shake Flask Method

GB/T 20944.3-2008 <Textiles-Determination of antibacterial activity- Part 3: Shake Flask Method>

Sterilization in the autoclave Of Sample Before Test.

Working Solution: 0.03 mol/L PBS

Contact Temperature: 24 ± 1 °C

Contact Time: 18 Hours

Test Sample: 0.75g

Test Culture: Staphylococcus Aureus (ATCC 6538)

Escherichia coli (CICC10899)

Candida Albicans (ATCC 10231)

Test Result:

TEST ORGANISMS	INITIAL CONCENTRATION (CFU/mL)	REDUCTION, %	EVALUATION
Staphylococcus Aureus (ATCC 6538)	2.2×10^4	81.9	HAVE THE ANTIBACTERIAL EFFECT
Escherichia coli (CICC10899)	2.4×10^4	82.5	HAVE THE ANTIBACTERIAL EFFECT
Candida Albicans (ATCC 10231)	1.9×10^4	60.9	HAVE THE ANTIBACTERIAL EFFECT

Sample Received Condition: Sample In Closed Plastic Bag.

Remark:

Evaluation of antibacterial effect:

Staphylococcus aureus and E.coli ≥70%, or C.albicans ≥60%. Have the antibacterial effect.



Remark : The test was performed by an approved subcontractor laboratory which is part of the Intertek Group.

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