

## Test Report

ASH24-0022188-02

Date: 2024-04-28

Client Name: SOCIEDAD IMPORTADORA MARITEX LTDA

Client Address: MARITEX SPA EI SALTO#1979,CHILE

Sample Name: shirt

Sample Batch No.: /

Production Date: /

Manufacturer: /

Supplier Name: MARITEX

Destination of the Product(s):Chile

Sample other information: composition: 100%NYLON; Style No.: #53 / #59; colour: Beige

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Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of Sample Received: 2024-04-12

Testing Period: 2024-04-12 ~ 2024-04-28

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).



SGS Approved Signatory

SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd.

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ASH24-0022188-02

Verification:  
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SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd.  
Testing Center Address: 3rd Floor, No. 889, Yishan Road, Shanghai, China 200233

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**Sample Description:**

Sample No.	SGS Sample ID	Description
2	ASH24-0022188-0002	sample in bag

**Test Result(s):**

Test Requested: Selected test(s) as requested by applicant:Antimicrobial activity test

Test Method: AATCC 100-2019 Test Method for Antibacterial Finishes on Textile Material: Assessment of

**ASH24-0022188-0002**

Test organism(s)	Staphylococcus aureus ATCC 6538
Concentration of bacteria (CFU/mL)	1.8×10 <sup>5</sup>
Treated test specimen-at “0” contact time (CFU/sample)	1.1×10 <sup>5</sup>
Treated test specimen-at “24-h” contact time (CFU/sample)	8.6×10 <sup>4</sup>
Untreated test specimen / Viability control specimen- at “0” contact time (CFU/sample)	1.6×10 <sup>5</sup>
Untreated test specimen / Viability control specimen- at “24-h” contact time (CFU/sample)	2.3×10 <sup>8</sup>
Reduction(%)	>99.9

**Notes:**

Treated test specimen has been high-pressure steam sterilized in the autoclave (121 °C, 15 min) before the testing.

The untreated test specimen is standard antimicrobial test viability control fabric from International Antimicrobial Council.

Test viability control specimen is standard antimicrobial test viability control fabric from International Antimicrobial Council.

The neutralizer is DE broth.

The diluent is 1/20NB+0.05%Triton X-100.

Size and shape of test swatches: 8 pieces/square/3.8×3.8cm,equal 1.0g.

Reduction calculation method:

$$R=100(B-A)/B;$$

$$R=\text{reduction}(\%);$$

A=the number of bacteria recovered from the inoculated treated test specimen swatches in the jar incubated over the 24-h contact period;

B= the number of bacteria recovered from the inoculated untreated test specimen swatches in the jar incubated over the 24-h contact period



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## Test Report

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Date: 2024-04-28

Sample Photo:



SGS authenticate the photo on original report only

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\*\*\* End\*\*\*



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