

Test Report

NBF26-0017121-01

Date: 2026-06-22

Client Name: Soarcho Medical Technology (Huai'an) Co., Ltd

Client Address: Room 707, HuaiShang Building, Shenzhen Road, Qingjiangpu District, Huai'an City, Jiangsu Province, China

Sample Name: Nonwoven Fabric: Polypropylene Material
for Disposable Curtains

Sample Batch No.: /

Production Date: /

Manufacturer: Huarui Medical Devices (Jinhu) Co., Ltd

Supplier Name: /

Destination of the Product(s): /

Sample other information: /

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: 2026-06-11

Testing Period: 2026-06-11 ~ 2026-06-22

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

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



SGS Approved Signatory

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Page 1 of 4

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Sample Description:

Sample No.	SGS Sample ID	Description
0001	NBF26-0017121-0001	sample in bag

Test Result(s):

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

Test Method: ISO 20743:2021(E) Textiles-Determination of antibacterial activity of textile products: 8.1 Absorption method

Test organism(s)	Candida albicans ATCC 10231
Test inoculum (CFU/mL)	1.2×10^5
F	2.9
IgC _t	7.2
IgC ₀	4.3
G	0
IgT _t	1.3
IgT ₀	1.3
A*	5.9
Comment	Strong Effect
Antibacterial activity(%)**	>99.9

Test organism(s)	Escherichia coli ATCC 8739
Test inoculum (CFU/mL)	2.4×10^5
F	3.3
IgC _t	8.0
IgC ₀	4.7
G	0
IgT _t	1.3
IgT ₀	1.3
A*	6.7
Comment	Strong Effect
Antibacterial activity(%)**	>99.9

Test organism(s)	Staphylococcus aureus ATCC 6538
Test inoculum (CFU/mL)	2.2×10^5
F	2.6
IgC _t	7.2
IgC ₀	4.6
G	0
IgT _t	1.3
IgT ₀	1.3
A*	5.9
Comment	Strong Effect
Antibacterial activity(%)**	>99.9

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Page 2 of 4



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Notes:

1. The control sample is standard cotton fabric, provided by SGS lab.
2. F: Growth value on the control specimen ($F = \lg C_t - \lg C_0$);
G: Growth value on the antibacterial testing specimen ($G = \lg T_t - \lg T_0$);
A*: antibacterial activity value ($A = F - G$);
3. $\lg C_t$: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens after 24 h incubation;
 $\lg C_0$: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens immediately after incubation;
 $\lg T_t$: common logarithm of arithmetic average of the numbers of bacteria, obtained from three antibacterial test specimens after 24 h incubation;
 $\lg T_0$: common logarithm of arithmetic average of the numbers of bacteria, obtained from three test specimens immediately after incubation.
4. The testing specimens sterilization method was autoclave sterilization method (121 °C, 15 min).
5. The testing measuring method was plate count method.
6. * In case of $C_0 > T_0$, substitute C_0 for T_0 .
7. The efficacy of antibacterial property requirement of ISO 20743:2021(E): Low Effect: $A < 2$; Significant Effect: $2 \leq A < 3$; Strong Effect: $A \geq 3$.
8. ***The percentage of Antibacterial activity value(%) is added by client requirement, the calculate formulation is $[(C_t - T_t) / C_t] \times 100$

- Unless otherwise stated, the judgement of compliance in this report is based on whether the test result is within the specified limits or specifications with no account taken of the uncertainty.

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Page 3 of 4



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Date: 2026-06-22

Sample Photo:



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SGS authenticate the photo on original report only

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Page 4 of 4



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