

INNOTIER LIMITED
 2ND FLOOR, ASTORIA HOUSE, 62 SHAFTESBURY AVENUE, LONDON, ENGLAND, W1D 6LT, UNITED KINGDOM

THIS REPORT CANCELS AND SUPERSEDES THE TEST REPORT NO. SL92119301792101TX DATE: 2021-09-30 ISSUED BY SGS (Guangzhou) UPDATED TEST INFORMATION.

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : 86%POLYESTER 8%SPANDEX 6%IONIC+METALIZED CHAMPION SERIES ANTI-VIRAL MATERIAL-200 WASHES IN WHITE FOR INNOSHIED FACE MASK, INNTOUCH GLOVES, INNOTIER GARMENTS&ACCESSORIES, AGDESMO GARMENTS&ACCESSORIES

Sample Color : (A)WHITE

Composition : (A)86%POLYESTER 8%SPANDEX 6%IONIC+METALIZED

End Use : (A)INNOSHIED FACE MASK, INNTOUCH GLOVES, INNOTIER GARMENTS&ACCESSORIES, AGDESMO GARMENTS&ACCESSORIES

Style No. : WTN87004X

Manufacturer : GUANGZHOU JF GLOVES & GARMENT ACCESSORIES CO.,LTD

Agent : JULIUS GROUP HOLDINGS LTD

Supplier : JULIUS INDUSTRIES LTD (JIL)

Sample Receiving Date : Sep 26, 2021

Testing Period : Sep 26, 2021 - Sep 30, 2021

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Lily Wang (Account Manager)



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Test Result

Antibacterial Assessment for the submitted sample

Test Method : Refer to JIS L 1902:2015 Textiles-Determination of antibacterial activity and efficacy of textile products Chapter 8.1: Quantitative test (Absorption method)

GZF21-027318.001

Test organism(s)	Staphylococcus aureus ATCC 6538
Test inoculum (CFU/mL)	1.5x10 ⁵
F	2.3
logCt	6.8
logC0	4.5
G	-1.4
logTt	3.1
logT0	4.5
A*	3.7
Antibacterial activity (%)***	>99.9

Comment Pass, antibacterial efficacy can be considered full effect

Notes :

The control sample was 100% cotton standard fabric specified by JIS L 1902: 2015, provided by SGS lab.
 A*: antibacterial activity value(A=F-G);
 F: Growth value of F on the control specimens (F=logCt-logC0);
 G: Growth value of G on the test specimens (G=logTt-logT0);
 logCt: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens after 24 h incubation;
 logC0: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens immediately after incubation;
 logTt: common logarithm of arithmetic average of the numbers of bacteria, obtained from three test specimens after 24 h incubation;
 logT0: common logarithm of arithmetic average of the numbers of bacteria, obtained from three test specimens immediately after incubation.
 The testing specimens incubation time was 24 h.
 The testing measuring method was plate count method.
 * In the case of logC0> logT0, substitute logC0 for logT0.
 According to client's requirement, judge with reference to JIS L 1902: 2015.
 ***The percentage of Antibacterial activity value(%) is added by client requirement, the calculate formulation is $[(Ct-Tt)/Ct] * 100$.
 The antibacterial efficacy requirement of JIS L 1902: 2015: Effect: $2.0 \leq A < 3.0$, Full effect: $A \geq 3$.



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Sample Photo



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.

End of Report

