

TEST REPORT

Applicant: CHING KUNG HIM WO GARMENT
FACTORY LTD
11/F BLK D HOOVER IND BLDG
26-38 KWAI CHEONG RD
KWAI CHUNG NT HK

Number: HKGH0257746301

Date: Apr 24, 2020

Attn: RYAN CHAN

Submitted sample said to be :
Item Name : **fabric for SILVER IONS MASK**
Item No. : **MK 20+**
Quantity : 1 piece



Conclusion:
The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

Requirement	Result
(1) AATCC TM100-2019 - Test Method for Antibacterial Finishes on Textile Materials (Quantitative)	See details enclosed

For and on behalf of :
Intertek Testing Services HK Ltd.


Cindy I.K. Chan
Vice President



TEST REPORT

Number : HKGH0257746301

(1) Test Method for Antibacterial Finishes on Textile Materials (Quantitative)

Test Method : *American Association of Textile Chemists and Colorists (AATCC) Technical Manual, Test Method 100-2019.*

Ultraviolet sterilization of sample and pre-wash in ambient temperature for 20 cycles (40 minutes for each cycle) before test.

Test culture: *Staphylococcus aureus* (ATCC 6538)
 Inoculum suspension medium: 1:20 nutrient broth with 0.05% Triton X-100
 Inoculum concentration: 1-3 x 10⁵ CFU/mL
 Test specimen: 1.0g (4 pieces for sample; of circular swatches 4.8cm in diameter) and apply 1mL inoculum per trial
 Neutralizing solution: Lethen Broth
 Contact time / temperature: 24 hours / 37°C
 Agar medium: Nutrient agar
 Incubation period / temperature of agar: 48 hours / 37°C

Result:

Test Microorganism	Percent Reduction of Bacteria (%)
	<u>Sample After washed</u>
<i>Staphylococcus aureus</i>	99.9

Reference Rating*:	% Reduction	Anti-bacterial activity
	0%	Not acceptable
	<50%	Insignificant
	≥50%	Acceptable
	>95%	Acceptable & significant

Sample received condition: samples in closed plastic bags.

Date sample received : Apr 07, 2020
 Testing period : Apr 15, 2020 to Apr 23, 2020

 End of report

Except where explicitly agreed in writing, all work and services performed by Intertek is subject to our standard Terms and Conditions which can be obtained at our website: <http://www.intertek.com/terms/>. Intertek's responsibility and liability are limited to the terms and conditions of the agreement.

This report is made solely on the basis of your instructions and / or information and materials supplied by you and provide no warranty on the tested sample(s) be truly representative of the sample source. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. Intertek is under no obligation to refer to or report upon any facts or circumstances which are outside the specific instructions received and accepts no responsibility to any parties whatsoever, following the issue of the report, for any matters arising outside the agreed scope of the works. This report does not discharge or release you from your legal obligations and duties to any other person. You are the only one authorized to permit copying or distribution of this report (and then only in its entirety). Any such third parties to whom this report may be circulated rely on the content of the report solely at their own risk.

This report shall not be reproduced, except in full.

