

## TEST REPORT

Number: GZHT02323827

Applicant: VIRTU APPAREL  
D-3889 KEITH STREET, BURNABY  
BC, CANADA V5J 5K4  
Attn: Peter Chan

Date: Aug 24, 2020

### Sample Description As Declared :

No. Of Sample : One  
Fibre Content : 100% Cotton  
Material : Knitted Fabric  
Finishing : -  
End Uses : Adult's mask  
Season : -  
Colour : White  
Style No. : MFF5  
Order No./PO No. : -  
Buyer's Name : VIRTU APPAREL  
Manufacturer's Name : DONG GUAN HANBO APPAREL CO.,LTD  
Ref. : -

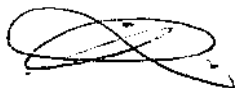
Applicant's Provided Care Instruction/Label :

-

Date Received/Date Test Started : Aug 05, 2020

Date Final Information Confirmed: -

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou GDD Branch



Lin Lin  
General Manager

hyt / wenhuang



Page 1 Of 4

### **Intertek Testing Services Shenzhen Ltd. Guangzhou GDD Branch**

3/F, Hengyun Building, 235 Kaifa Ave., Guangzhou  
Economic & Technological Development District, Guangzhou, China

深圳天祥质量技术服务有限公司广州开发区分公司

中国广州经济技术开发区开发大道 235 号恒运大厦 3 楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode:510730

[www.intertek.com](http://www.intertek.com)

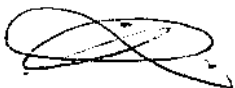
## TEST REPORT

Number: GZHT02323827

Conclusion:

Tested Sample	Antibacterial Activity (AATCC TM100)	Result
Submitted Sample	Against <i>Staphylococcus Aureus</i>	Acceptable & Significant
	Against <i>Klebsiella Pneumoniae</i>	Acceptable

Prepared And Checked By:  
For Intertek Testing Services Shenzhen Ltd. Guangzhou GDD Branch



Lin Lin  
General Manager

hyt / wenhuang



Page 2 Of 4

**Intertek Testing Services Shenzhen Ltd. Guangzhou GDD Branch**

3/F, Hengyun Building, 235 Kaifa Ave., Guangzhou  
Economic & Technological Development District, Guangzhou, China

深圳天祥质量技术服务有限公司广州开发区分公司

中国广州经济技术开发区开发大道 235 号恒运大厦 3 楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode:510730

[www.intertek.com](http://www.intertek.com)

## TEST REPORT

Number: GZHT02323827

Tests Conducted (As Requested By The Applicant)

### 1 Anti-Bacterial Activity Test (Quantitative)

With Reference To 2020 American Association Of Textile Chemists And Colorists, Technical Manual, AATCC TM100-2019.

Sterilization Method: Autoclave Before Test

Neutralizing Solution : SCDLP

Contact Time : 24 Hours

Contact Temperature : 37°C.

Incubation condition : 37°C , 48 hours.

Agar Medium : Nutrient Agar.

Test Culture : *Staphylococcus Aureus (Atcc 6538)*.

*Klebsiella Pneumoniae (Atcc 4352)*.

Test Specimen : 1 g Square / 3.8 X 3.8 cm Sample With 1 mL Inoculum Per Trial.

Result:

Test Microorganism	Percent Reduction Of Bacteria (%)
<i>Staphylococcus Aureus (ATCC 6538)</i>	>99.91
<i>Klebsiella Pneumoniae (ATCC 4352)</i>	>99.91

Sample Received Condition: Sample In Closed Plastic Bag.

Reference Rating\*:

% Reduction	Anti-bacterial activity
0%	Not acceptable
<70% for K.p (ATCC 4352)	Insignificant
<80% for S.a (ATCC 6538)	Insignificant
≥70% for K.p (ATCC 4352)	Acceptable
≥80% for S.a (ATCC 6538)	Acceptable
≥99%	Acceptable & Significant

hyt / wenhuang

## TEST REPORT

Number: GZHT02323827

Tests Conducted (As Requested By The Applicant)

Comment\* :

Tested Sample	Antibacterial Activity (AATCC TM100)	Result
Submitted Sample	Against <i>Staphylococcus Aureus</i>	Acceptable & Significant
	Against <i>Klebsiella Pneumoniae</i>	Acceptable

End of Report

*This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. No copy of the test report(except for full text copy) shall be made without the written approval by Intertek.*

hyt / wenhuang

Page 4 Of 4

**Intertek Testing Services Shenzhen Ltd. Guangzhou GDD Branch**

3/F, Hengyun Building, 235 Kaifa Ave., Guangzhou  
Economic & Technological Development District, Guangzhou, China

深圳天祥质量技术服务有限公司广州开发区分公司

中国广州经济技术开发区开发大道 235 号恒运大厦 3 楼

Tel: +86 20 8396 6868 Fax: +86 20 8222 8169 Postcode:510730

[www.intertek.com](http://www.intertek.com)