



Total Quality. Assured.  
**Test Report**

Number: SHF211B0642

Applicant: PROTX (SHANGHAI) TRADING CO., LTD  
c/o INTELLIGENT FABRIC TECHNOLOGIES(NORTH AMERICA) INC.  
Room2104, No. 1Building, No. 188 East Nandan Road, Xuhui Area,  
Shanghai

Date: 06 Apr, 2021

Sample Description:

|                  |   |                                       |
|------------------|---|---------------------------------------|
| Sample Name      | : | 210319-2-Hornwoodinc-BLUE-AB TEST HLO |
| Test Purpose     | : | Entrust Test                          |
| Fiber Content    | : | /                                     |
| Color            | : | /                                     |
| Style No         | : | /                                     |
| Manufacturer     | : | Hornwoodinc                           |
| Buyer            | : | CBI                                   |
| PO Number        | : | /                                     |
| Fabric Code      | : | /                                     |
| SEASON           | : | /                                     |
| Fabric Weight    | : | /                                     |
| Fabric Structure | : | /                                     |
| Finishing        | : | /                                     |
| Test Item        | : | S.A                                   |
| Test Method      | : | AATCC100                              |
| Care Instruction | : | /                                     |

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Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

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To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai



Sammy Shen  
FOOD Senior Manager

Intertek Testing Services Ltd., Shanghai  
上海天祥质量技术服务有限公司

6/F., No. 2 Building, Shanghai Comalong Industrial  
Park, No. 889 Yishan Road, Shanghai, 200233, China.  
中国 上海市宜山路 889 号齐来工业城 2 号楼 6 楼  
200233

Tel: +86 21 5339 6658  
Fax: +86 21 6495 4500  
[www.intertek.com](http://www.intertek.com)  
[www.intertek.com.cn](http://www.intertek.com.cn)



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1 Anti-Bacterial Activity Test (Quantitative):

With Reference To 2012 American Association Of Textile Chemists And Colorists, Technical Manual, AATCC Test Method 100-2012 < Antibacterial Finishes on Textile Materials: Assessment of.>

Sterilization in the autoclave (121°C, 15min) Of Sample Before Test.

Neutralizing Solution: Phosphate Buffer Solution.

Contact Time: 18-24 Hours

Incubation Temperature: 37±2°C

Incubation Period: 48 Hours

Agar Medium: Nutrient Agar.

Test Culture: Staphylococcus Aureus (ATCC 6538)

No. Of Test Specimen : \_8\_ Piece/Circular/@4.8 cm In Diameter With 1.0±0.1 mL Inoculum Per Trial.

Test Result:

| Test organism                   | Concentration of bacteria (cfu/mL) | The number of bacteria recovered from (cfu/mL) |                      |                       | Percent Reduction Of Bacteria (%) |
|---------------------------------|------------------------------------|--|----------------------|-----------------------|-----------------------------------|
|                                 |                                    | /  | at "0H" contact time | at "24H" contact time |                                   |
| Staphylococcus aureus ATCC 6538 | 1.8×10 <sup>5</sup>                | Sample   | 1.0×10 <sup>3</sup>  | 1.0×10 <sup>2</sup>   | 99.9                              |
|                                 |                                    | Control Sample                                 | 1.8×10 <sup>5</sup>  | 4.9×10 <sup>7</sup>   | /                                 |

Sample Received Condition: Sample In Closed Plastic Bag.

Preparation of sample: The submitted sample was washed for \_/\_\_ wash and then subjected to the following test.

Remark: Add 0.01%Q2-5211 Wetting Agent in contact test

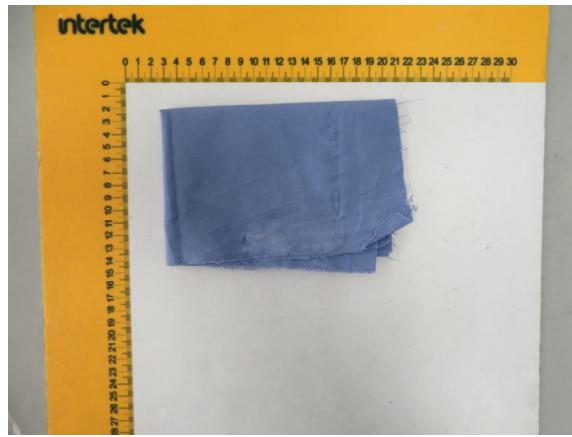
Reference Rating\*:

| % Reduction | Anti-Bacterial Activity  |
|-------------|--------------------------|
| 0%          | Not Acceptable           |
| < 50%       | Insignificant            |
| > 50%       | Acceptable               |
| > 95%       | Acceptable & Significant |

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PIC 1

Date Sample Received: 23 Mar, 2021

Testing Period: 23 Mar, 2021 To 06 Apr, 2021

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End of report

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