



Test Report

Number: SHAH00788727

Applicant: Beta Textiles Co.,Limited
Suite 618, Huafang International Plaza,
No.178, Chengbei Road,
Zhangjiagang, Jiangsu

Date: 28 Mar, 2017

Sample Description:

Sample Name	:	84%Polyester(ODOURBAN), 16%Spandex Knitted Fabric, HY173033
Test Purpose	:	Entrust Test
Color	:	Blue
Style No	:	HY173033
Fiber Content	:	84%Polyester (ODOURBAN), 16%Spandex
Manufacturer	:	Beta Textiles Co., Ltd

Tests Conducted:

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

To be continued

Authorized By:
For Intertek Testing Services Ltd., Shanghai

Cheng Jun
General Manager



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Tests Conducted

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)
Klebsiella Pneumoniae (ATCC 4352)

No. Of Test Specimen : 4 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 "OH" contact time	at "24H" contact time	
Staphylococcus aureus ATCC 6538	1.3X10 ⁵	Sample	9.0X10 ⁴	1.0X10 ²	99.9
		Control Sample	1.3X10 ⁵	4.0X10 ⁵	/
Klebsiella pneumoniae ATCC 4352	1.5X10 ⁵	Sample	1.3X10 ⁵	2.9X10 ³	97.9
		Control Sample	1.4X10 ⁵	3.7X10 ⁶	/

Sample Received Condition: Sample In Closed Plastic Bag .
Preparation of sample: The submitted sample was washed for 50 wash and then subjected to the following test.

Reference Rating*:

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

Date Sample Received: 14 Mar, 2017

Testing Period: 14 Mar, 2017 To 27 Mar, 2017

End of report

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