

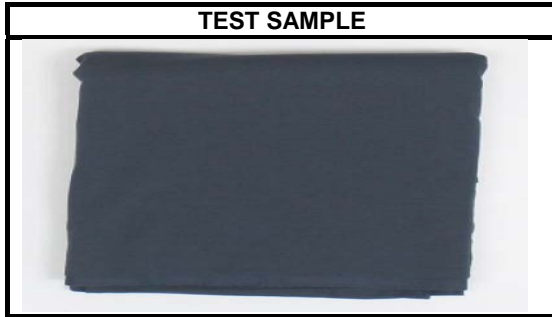


TEST REPORT

TO: JENELL-TEX INT'L CO., LTD

LAB NO.: (6214)261-0377
 BUYER: /
 MODIFIED DATE IN: /

DATE IN: SEP. 18, 2014
 DATE OUT: OCT. 03, 2014
 NO. OF WORKING DAYS: 12
 PAGE NO: Page 1 of 2



<u>OVERALL RATING</u>	
DATA	X

Manufacturer / Supplier:	/	Vendor:	/
Sample Description:	One (1) Piece of Knit Fabric		
P.O. No.:	/	Item No.:	/
Age Group:	<input type="checkbox"/> Adult <input type="checkbox"/> Child (age ≤ 12) <input type="checkbox"/> All	Produce End Used:	Soft Fit Wear
Color:	Dark Grey	Produce End Used Accessibility:	/
Size Range:	/	Fabric Type:	/
Fabric Construction	91% Nylon 9% Spandex	Treatment:	No
Test Requested:	AATCC 100		
Submitted Care Instruction:	Machine Wash Cold, Gentle Cycle, Do Not Bleach, Tumble Dry Low		

Remark: BVCPs Contact information for this report

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**REPORT FORMAT FOR AATCC 100 ASSESSMENT OF
ANTIBACTERIAL FINISHES ON TEXTILE**

Method Summary:

The anti-bacterial properties were evaluated using AATCC Test Method 100 Assessment of Antibacterial Finishes on Textile Materials. The following organisms were used for this test: *Staphylococcus aureus* ATCC strain 6538.

Test samples are inoculated with the test organisms. After incubation, the bacteria are eluted from the samples by shaking in known amounts of neutralizing solution. The number of bacteria present in this liquid is determined, as the percentage reduction by treated specimen is calculated.

RESULTS:

Tested Component: Dark Grey Fabric

	Antibacterial-treated Sample (After 5 Washing)
Result	<i>Staphylococcus aureus</i>
A (cfu/ml)	5.4 x 10 ³
B (cfu/ml)	1.4 x 10 ⁵
Reduction (%)	96.04

	Antibacterial-treated Sample (After 25 Washing)
Result	<i>Staphylococcus aureus</i>
A (cfu/ml)	2.5 x 10 ²
B (cfu/ml)	4.1 x 10 ⁴
Reduction (%)	99.76

Remark:

- The Number of Swatches used per jar: **3**
- No. of inoculum inoculated per sample is 1.7 x 10⁵ CFU of *S.aureus*.
- Dilution medium: phosphate buffer ; Neutralization solution: D/E Neutralizing Broth
- Sterilization: Samples are sterilized or not sterilized by autoclave at 121°C for 15 minutes.
- Evaluation : If sample are sterilized, reduction of bacteria(%) = 100 x [B – A / B]
If sample are not sterilized, reduction of bacteria (%) = 100 x [(B-E) - (A-F) / (B-E)]
A=counts of inoculated specimen at 24 hrs contact time.
B=counts of inoculated specimen at 0 contact time.
E=counts of un-inoculate specimen at 0 contact time.
F=counts of un-inoculate specimen at 24 hrs contact time.
- Report percent reduction of bacteria by the specimen treatment against each test organism.
- The criterion for passing the test must be determined by the interested parties. Report in 2 decimal places and the highest percent reduction to be reported as ≥99.99%.