



TEST REPORT

TO : YIE-CHENG ENTERPRISE CO., LTD.

LAB NO.: (6213)234-0032
 FORM NO.: /
 DATE IN: AUG. 22, 2013
 DATE OUT: SEP. 04, 2013
 NO. OF WORKING DAYS: 9
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<u>OVERALL RATING</u>	
PASS	_____
FAIL	_____
DATA	_____ X _____

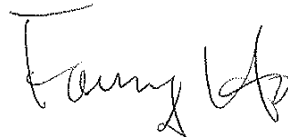
Vendor:	/	Manufacturer/ Supplier:	/
P.O. No.:	/	Style No.:	/
Season:	/	SKU No.:	/
Sample Description:	ONE (1) PIECE OF KNIT FABRIC (ANTERBACTERIAL FIBER) (FABRIC TYPE: N+OP KNITTING) (QUANTITY: 1Y) (END USE: UNDERWEAR FOR WACOAL)	Lot No.:	/
Country of Origin:	/	Color:	PURPLE
Size Range:	/	Country of Destination:	/
Colorblocked or Trimmed:	/	Fabric/Article #:	/
Trim #:	/		

Product Category:	FABRIC
Test Requested:	/
Previous Report No.:	/

Submitted Fiber Content:	NIL
Actual Fiber Content:	/
Suggested Fiber Content:	/
Submitted Care Instruction(s):	NIL
Client Expected Care Instruction:	/
Suggested Care Instruction(s):	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
ANTIBACTERIAL ACTIVITY ASSESSMENT			X	

BUREAU VERITAS CONSUMER PRODUCTS SERVICES
(HONG KONG) LTD. TAIWAN BRANCH



FANNY HO
SOFTLINE SENIOR MANAGER

TEST RESULTS		
TEST PROPERTY		REQUIREMENTS

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 and Klebsiella pneumoniae ATCC strain 4352.

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, and the percentage reduction by treated specimen is calculated.

RESULTS:

Tested Component: purple fabric

Antibacterial-treated sample (Original)		
Result	<i>Staphylococcus aureus</i>	<i>Klebsiella pneumoniae</i>
A-F (cfu/ml)	4	
B-E (cfu/ml)	1440	
Reduction (%)	99.76	

Antibacterial-treated sample (25Washed)		
Result	<i>Staphylococcus aureus</i>	<i>Klebsiella pneumoniae</i>
A-F (cfu/ml)	<100	
B-E (cfu/ml)	740	
Reduction (%)	≥99.99	

Remarks:

- The Number of Swatches used per jar: 4
- Dilution medium: phosphate buffer; Neutralization solution: D/E Neutralizing Broth
- Sterilization: Samples are sterilized or not sterilized.
- Evaluation: If sample are sterilized, Reduction of bacteria(%)=100x(B-A/B)
 Evaluation: If sample are not sterilized, Reduction of bacteria(%)=100x[(B-E)-(A-F)]/(B-E)
 B=counts of inoculated specimen at 0 contact time.
 E=counts of un-inoculate specimen at 0 contact time.
 A=counts of inoculated specimen at 24 hrs 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%

