



Test Report

No. SHSL1410247792TX

Date: Oct 30, 2014

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SALVERE TECHNOLOGIES LTD
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The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Knitted fabric: 88%copper nylon 12%spandex in blue

Proposed Care Instruction : -

Test Performed : Selected test(s) as requested by applicant

Sample Receiving Date : Oct 14, 2014& Oct 21, 2014

Testing Period : Oct 21, 2014 TO Oct 30, 2014

Test Result(s) : For further details, please refer to the following page(s).

Signed for and on behalf of
SGS-CSTC Ltd.

May Chen (Account Executive)



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SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
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Test Result

Flammability Test of Clothing Textiles

(16 CFR Part 1610 - October 20, 2008 Edition)

As verified and reported in this report,
 fabric weight of sample is >2.6 oz / sq. yd
 Thus the sample is exempt from flammability testing in accordance with:
 16 CFR 1610.1(d)(1): Plain surface fabric with fabric weight ≥ 2.6 oz/sq. yd

Copper

Test Method: With reference to US EPA Method 3052:1996, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Result</u>
Copper (Cu) (After 5 washes)	1528 mg/kg

Notes :
 MDL(Method Detection Limit)=5mg/kg
 ND=Not Detected

Washing procedure (AATCC 135-2012; Test No. (1) IIIA (ii); Machine wash at 105 degree F with 1.8 kg total loading (type 1 ballast + specimen) and 66±1g of 1993 AATCC standard reference detergent, normal cycle, tumble dry delicate less than 140 degree F).

Antimicrobial activity test

AATCC 100-2012 Antibacterial Finishes on Textile Material: Assessment of

TEST ORGANISMS:

Staphylococcus aureus ATCC 6538, *Candida Albicans* ATCC 10231

Test organisms	Concentration of bacteria (cfu/mL)	The number of bacteria recovered from			%Reduction
		/	at "0H" contact time (cfu/sample)	at "24H" contact time (cfu/ sample)	
<i>Staphylococcus aureus</i> ATCC 6538	1.0x10 ⁵	Sample	1.0x10 ⁵	< 100	> 99.9
		Control sample	1.0x10 ⁵	3.0x10 ⁶	
<i>Candida Albicans</i> ATCC 10231	1.0x10 ⁵	Sample	9.9x10 ⁴	3.0x10 ²	99.7
		Control sample	1.0x10 ⁵	2.2x10 ⁶	

Remark: Test sample is 10 swatches of 4.8 cm diameter circular ,1 mL inoculum per trial. The control sample is 100% cotton, provided by SGS laboratory.

SAMPLE DESCRIPTION: 1 bag, ca.200g, blue cloth in bag

*** End of Report ***



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