

Test Report: Methicillin-Resistant Staphylococcus aureus(MRSA) ATCC 33591

Date: Jan 02 2014

Sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of sample received: Dec 16 2013
Testing period: Dec 16 2013 ~ Dec 30 2013

TEST(S) REQUESTED:

Selected test(s) as requested by applicant
Antibacterial Assessment for the submitted sample

TEST METHOD:

ISO 20743:2013 Textiles-Determination of antibacterial activity of textile products: 8.1 Absorption method

TEST ORGANISMS:

Methicillin-Resistant Staphylococcus aureus(MRSA) ATCC 33591

TEST RESULT(S):

Please refer to the next page(s)



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SGS Authorized Signature

SGS-CSTC Standards Technical Services (Shanghai) Co.,Ltd. Testing Center

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RAND: 2673313



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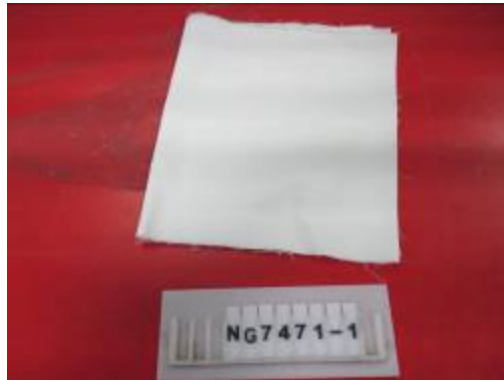
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TEST RESULT(S):

Name of test bacteria (Strain number)	Methicillin-Resistant Staphylococcus aureus(MRSA) ATCC 33591	
Concentration of inoculum (CFU/mL)	1.2 × 10 ⁵	
Difference of extremes for the three control specimens(lg) (condition: less than 1)	0h	20h
	< 0.1	< 0.1
Difference of extremes for the three antibacterial testing specimens(lg) (condition: less than 2)	0h	20h
	0	0
The growth value on the control sample F (F=lgC _t -lgC ₀)	+3.2 (lgC _t : +7.5 , lgC ₀ : +4.3)	
The growth value on the antimicrobial-treated sample G (G =lgT _t -lgT ₀)*	< -3.0 (lgT _t : <+ 1.3 , lgT ₀ : + 4.3)	
Antibacterial activity value (A=F-G)	> 6.2	
Measuring method	Plate count method	
Sterilization method	Autoclave(121℃, 15min)	
Incubation time	20h	

REMARK: The control sample is 100% cotton fabric, provided by SGS lab.
* In case of C₀> T₀, substitute C₀ for T₀.

SAMPLE DESCRIPTION: Fabric



*** End of Report***