



Test Report

No. SDHL1709020432HI

Date: Oct.18, 2017

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

Sample Description : SUNSCREEN FABRIC
 SGS Ref. No. : GZAFN1709016923P001
 Sample Receiving Date : Sep.28, 2017
 Test Performing Date : Sep.28, 2017 to Oct.17, 2017

Test Result Summary

Test(s) Requested	Result(s)	Comments
Assessment of Antimicrobial activity With reference to ASTM E 2180-07 (Reapproved 2012)	Please refer to the following page(s)	/
For further details, please refer to the following page(s)		

Signed for and on behalf of
 Shunde Branch
 SGS-CSTC Co., Ltd.

Peter Zhao
 Approved signatory



SGS-CSTC Inspection & Testing Services Co., Ltd.
 Shunde Branch

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TEST RESULT(S):

Assessment of Antimicrobial activity

Test method: With reference to ASTM E 2180-07 (Reapproved 2012)

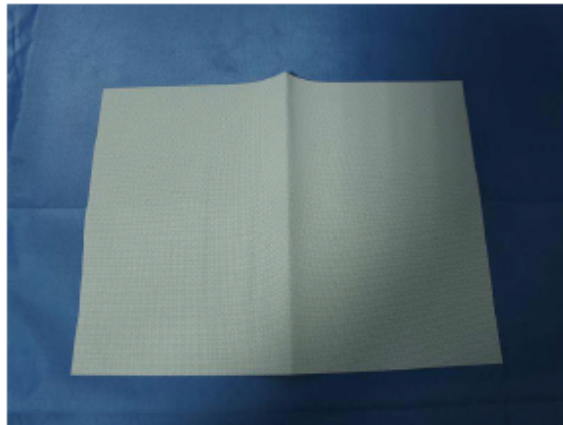
Test organisms: *Staphylococcus aureus* ATCC 6538, *Klebsiella pneumoniae* ATCC 4352

Name of test bacteria (Strain number)	Concentration of bacteria (cells/mL)	/	The antilog of the geometric mean of the number of organisms recovered from "0h" (cfu/mL)	The antilog of the geometric mean of the number of organisms recovered from "24h" (cfu/mL)	Reduction (%)
<i>Staphylococcus aureus</i> ATCC 6538	1.9 x 10 ⁶	Sample	/	5.0 x 10 ¹	> 99.9
		Control Sample	8.9 x 10 ⁵	2.1 x 10 ⁶	
<i>Klebsiella pneumoniae</i> ATCC 4352	2.9 x 10 ⁶	Sample	/	5.0 x 10 ¹	> 99.9
		Control Sample	1.3 x 10 ⁶	5.5 x 10 ⁶	

Remark: The control sample is plastic film without antimicrobial activity, provided by SGS laboratory.

SAMPLE DESCRIPTION: Fabric

Photo Appendix:



Remark: This test was subcontracted to SGS-CSTC Standards Technical Services Co.,Ltd. Guangzhou Branch.

End of Report



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