



Test Report

No.: HKSL1501001896TX

Date: Jan 08, 2015

Page 1 of 3

THE HONG KONG POLYTECHNIC UNIVERSITY (ANTIBACTERIAL PROJECT)
ROOM 808 INSTITUTE OF TEXTILES & CLOTHING
THE HONG KONG POLYTECHNIC UNIVERSITY
HUNG HOM
,KOWLOON,Hong Kong

The following sample was submitted and identified by the client as:

One sample of woven 20 wash 1% tiO2 treated cutting.

Sample Receiving Date : Jan 06, 2015
Test Performing Period : Jan 06, 2015 – Jan 08, 2015
Test Performed : Selected test(s) as requested by applicant (details
please refer to result page(s)).
* * * *
Test Results : Please refer to the next page(s).

Residual sample returned to applicant

Signed for and on behalf of
SGS Hong Kong Ltd.

Chau Shui King, Ginny
Assistant Account Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Test Results :

Assessment of Antibacterial Finishes on Textile Material (AATCC Test Method 100- 2012)

Test bacteria : *Staphylococcus aureus* (ATCC 6538)

Test specimen: After 20 wash sample (washing was performed by the client)

Test result

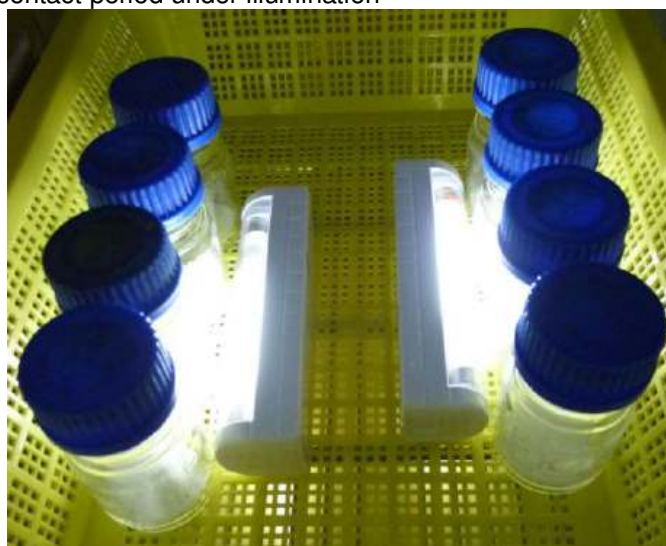
Tested Specimen	Bacteria count (colony forming unit, CFU per ml) over contact period (#)		Result: % of reduction of bacteria	Client specified requirement	Comment
	0 hour	24 hours			
After 20 wash sample	1.01x10 ⁵	<1.00x10 ²	>99.90%	/	/
Untreated control sample	1.00x10 ⁵	1.53x10 ⁶			

Note: The untreated control sample was provided by client.

(#) As per client request, illumination was provided during incubation over contact period.

Photo:

Set up for incubation over contact period under illumination



*** End of Report ***

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.