



Test Report

Date: [REDACTED]

Sample Description :

Specimen No.	SGS Sample ID	Description
1	[REDACTED]	sample in bag

Test Result(s) :

Test Requested : Antibacterial Assessment for the submitted sample

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

ASH19-016754-01.001

Test organism Staphylococcus aureus ATCC 6538

Concentration of inoculum (CFU/mL) 2.4x10^5

Growth value of F on the control specimens (F=lgCt-IgC0) 2.7

IgCt 7.3

IgC0 4.6

Growth value of G on the antibacterial testing specimens (G=lgTt-IgT0) \* <-3.3

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## Test Report

Date: 12 Apr 2019

Staphylococcus aureus ATCC 6538  
IgTt <1.3

IgT0 4.6

Antibacterial activity value (A=F-G) >6.0

The efficacy of antibacterial property requirement of ISO20743:2013  
Significant: 2.0≤A<3.0; Strong: A≥3.0

Comment Pass:Strong

### Notes :

The control sample was 100% cotton fabric, provided by SGS lab.

A: antibacterial activity value;

IgCt: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens after 24h incubation;

IgC0: common logarithm of arithmetic average of the numbers of bacteria, obtained from three control specimens immediately after incubation;

IgTt: common logarithm of arithmetic average of the numbers of bacteria, obtained from three test specimens after 24h incubation;

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Testing Center Agency Technical Services Laboratory

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## Test Report

Date: [REDACTED]

IgT0: common logarithm of arithmetic average of the numbers of bacteria, obtained from three test specimens immediately after incubation.

The testing specimens sterilization method was autoclave sterilization method(121°C,15min).

The testing specimens incubation time was 24h.

The testing measuring method was plate count method.

The difference of extremes for three control specimens immediately after incubation (lg)(condition: less than 1) was <0.1;

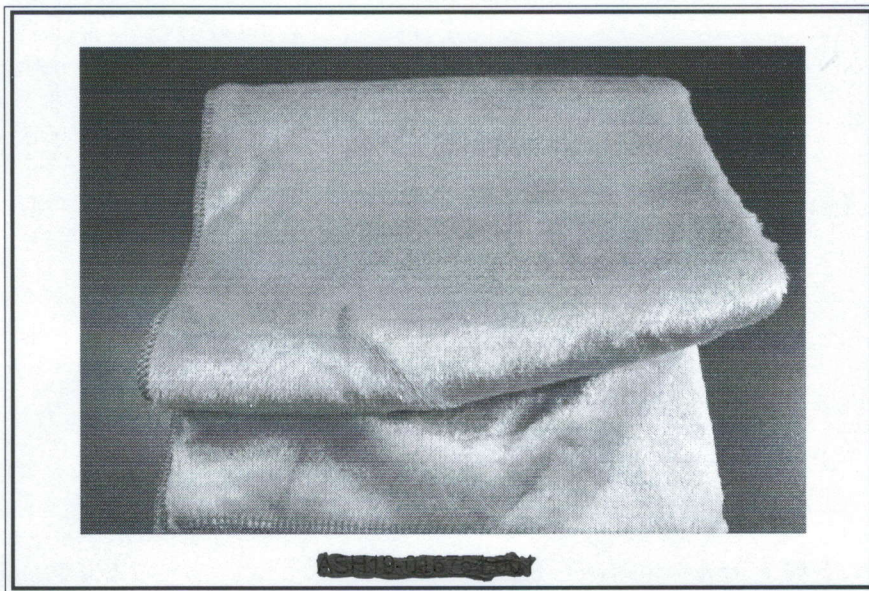
The difference of extremes for three control specimens after 24h incubation(lg) (condition: less than 1) was <0.1;

The difference of extremes for three antibacterial testing specimens immediately after incubation(lg) (condition: less than 2) was<0.1;

The difference of extremes for three antibacterial testing specimens after 24h incubation(lg)(condition: less than 2) was <0.1.

\* In case of C0> T0, substitute C0 for T0.

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End \*\*\*

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