



Test Report

Number: SHAH00662103

Tests Conducted

1 Anti-Bacterial Activity Test (Quantitative):

Washing Condition : 3 Cycles Of 12 Minutes Machine Wash At 80°F, Normal Cycle, Screen Dry.

With Reference To 2006 American Association Of Textile Chemists And Colorists, Technical Manual, AATCC Test Method 100-2012 < Antibacterial Finishes on Textile Materials: Assessment of.>

Sterilization in the autoclave (121°C, 15min) Of Sample Before Test.

Neutralizing Solution: Phosphate Buffer Solution.

Contact Time: 18-24 Hours

Incubation Temperature: 37 ± 2°C

Incubation Period: 48 Hours

Agar Medium: Nutrient Agar.

Test Culture: Staphylococcus Aureus (ATCC 6538)

Klebsiella Pneumoniae (ATCC 4352)

No. Of Test Specimen : 4 Piece/Circular/@4.8 cm In Diameter With 1.0 ± 0.1 mL Inoculum Per Trial.

Test Result:

Test organism	Concentration of bacteria (cfu/mL)	The number of bacteria recovered from (cfu/mL)			Percent Reduction Of Bacteria (%)
		/	at "0H" contact time	at "24H" contact time	
Staphylococcus aureus ATCC 6538	1.3x10 ⁵	Sample	1.8x10 ⁴	1.0x10 ²	99.9
		Control Sample	1.3x10 ⁵	3.9x10 ⁵	/
Klebsiella pneumoniae ATCC 4352	1.4x10 ⁵	Sample	1.8x10 ⁴	1.0x10 ²	99.9
		Control Sample	1.4x10 ⁵	3.1x10 ⁶	/

Sample Received Condition: Sample In Closed Plastic Bag /Package.

Preparation of sample: The submitted sample was washed for 50 wash and then subjected to the following test.

Reference Rating*:

% Reduction	Anti-Bacterial Activity
0%	Not Acceptable
< 50%	Insignificant
> 50%	Acceptable
> 95%	Acceptable & Significant

Date Sample Received: 05 Mar, 2016

Testing Period: 05 Mar, 2016 To 11 Apr, 2016

End of report

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