

ISO/IEC 17025 Certified Third Party Test Report

DATE: November 1, 2016

FILE: MAGICT.A102616A

CLIENT: Magic Textiles LLC
261 5th Ave
New York, NY 10016

ATTN: Jay Paul

SAMPLE IDENTIFIED BY CLIENT AS:

Fabric Swatch Submitted
Color Shiny Silver

TEST PROCEDURES:

**ASSESSMENT OF ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS
(AATCC 100):**

Test organism:	<i>Staphylococcus aureus</i> , ATCC 6538
Sample size:	48 mm
Number of layers:	3
Pre-sterilization:	No
Neutralizer:	Dey-Engley (D-E) Broth
Incubation Parameters:	37°C, 24 hours
Inoculum concentration:	<i>S. aureus</i> = 2.0 x 10 ⁵ CFU/ml.
Inoculum carrier:	Nutrient Broth
Growth Media:	Nutrient Agar
Wetting Agent:	None

Sample A: As Received

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
2.50e ¹	0.00	99.99

Positive Control:

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
1.00e ¹	0.00	99.99

Negative Control:

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
1.10e ³	1.00e ⁶	00.00

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SAMPLE IDENTIFIED BY CLIENT AS:

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**ASSESSMENT OF ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS
(AATCC 100):**

Test organism: *Klebsiella pneumoniae*, ATCC 4352
Sample size: 48 mm
Number of layers: 3
Pre-sterilization: No
Neutralizer: Dey-Engley (D-E) Broth
Incubation Parameters: 37°C, 24 hours
Inoculum concentration: *K. pneumoniae* = 2.00 x 10⁵ CFU/ml.
Inoculum carrier: Nutrient Broth
Growth Media: Nutrient Agar
Wetting Agent: None

Sample A: As Received

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
2.00e ¹	0.00	99.99

Positive Control:

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
1.00e ¹	0.00	99.99

Negative Control:

Results (CFU/ml)		
Zero Contact Time	24 Hour Contact Time	Percent Reduction (%)
4.12e ³	1.00e ⁶	00.00

Signed For The Company By

Adam R. Varley
Technical Director

ARV



Stacy Sadowy
Stacy Sadowy
Quality Assurance Manager

JG/10

