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Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute Hong Kong Association for Testing, Inspection and Certification Limited
American Society for Testing and Materials Hong Kong Toys Council
British Standards Institute

Number: HKGT04097958

TEST REPORT

Applicant: NANOS TECHNOLOGIES CO LTD
BLK H 8/F GOLDEN BEAR INDL CTR
66-82 CHAI WAN KOK ST
TSUEN WAN NT
HK

Date: Mar 31, 2015

Attn: JOHNNY/ JOVI YUEN

Sample Description As Declared :

One (1) submitted sample said to be fabric in Black after EcoNano Anti-microbial treatment .

Style No. : CAI

Applicant's Provided Care Instruction/Label : -



Comment*:

Tested Sample	Antibacterial Activity (AATCC-100)	Result
Submitted Sample	Against <i>Staphylococcus aureus</i>	Acceptable & Significant
	Against <i>Klebsiella pneumoniae</i> .	Acceptable & Significant

For and on behalf of
Intertek Testing Services Hong Kong Limited

Jason Y.M. Ho
Vice President





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Tests Conducted (As Requested By The Applicant)

1 Anti-Bacterial Activity Test (Quantitative):

With Reference To *American Association Of Textile Chemists And Colorists* (AATCC) Technical Manual, Test Method 100-2012.

Ultraviolet Sterilization Of Sample Before Test.

Neutralizing Solution: Lethen Broth

Contact Time: 24 hours

Incubation Temperature: 37°C

Incubation Period: 48 hours

Agar Medium: Nutrient Agar

Test Culture: *Staphylococcus Aureus* (ATCC 6538)

Klebsiella Pneumoniae (ATCC 4352)

No. Of Test Specimen: 5 Pieces / Circular / @ 4.8 cm In Diameter With 1 mL Inoculum Per Trial

Result:

Test Microorganism	Percent Reduction Of Bacteria (%)	
<i>Staphylococcus aureus</i>	100	
<i>Klebsiella pneumoniae</i>	100	

Preparation of sample : The submitted sample was washed and then subjected to the antibacterial activity test.
Washing condition:

Reference Rating*:	<u>% Reduction</u>	<u>Anti-bacterial activity</u>
	0%	Not acceptable
	<50%	Insignificant
	≥50%	Acceptable
	>95%	Acceptable & significant

Sample received condition: sample in closed plastic bag.

Date Sample Received : MAR 23, 2015

Testing Period : MAR 25, 2015 To MAR 31, 2015

End of Report

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