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VERITAS**

TEST REPORT

ICON MARKETING SDN BHD
700 J JIN LINTANG, ARI ITAM,
11500.P.PINANG

ATTN: HARIN / MAIRA
CC: -

LAB NO.: (5320)142-0019
FORM NO.: /
DATE IN: MAY 21, 2020
MODIFIED DATE IN: JUNE 16, 2020
DATE OUT: JUNE 22, 2020
DIVISION: /
DEPARTMENT: /
CATEGORY: /
BUYER: /
NO. OF WORKING DAYS: 5
PAGE: PAGE 1 OF 6

OVERALL RATING

PASS	_____ X _____
FAIL	_____
DATA	_____

Vendor:	ICON MARKETING SDN BHD	Agent:	/
Fabric Supplier/Mill:	/	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	MF1036
Sample Description:	Fabric Sample: 100% Polyester Interlock 50/72 (MF1036) (Finishing Treatment: None)	SKU No.:	/
Color:	White	Country of Origin:	/
Claimed Fabric Weight:	/	Claimed Fabric Count:	/
Yarn Size:	/	Submitted Size:	/
Size Range:	/	FPU No.:	/
GPU No.:	/	End Use:	/

Product Category:	Fabric
Test Requested:	Test On Antibacterial Finishes Assessment As Per Client's Request.
Previous Report No.:	/

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Submitted Fiber Content:	100% Polyester
Actual Fiber Content:	/
Suggested Fiber Content:	/
Submitted Care Instruction(s):	/
Client Expected Care Instruction:	/
Suggested Care Instruction(s):	/

TEST PROPERTY	PASS	FAIL	DATA	
ANTIBACTERIAL FINISHES ASSESSMENT	X			



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SOFTLINE DIVISION**

**LIM SHEU TING
ANALYTICAL DIVISION**



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TEST PROPERTY

TEST RESULTS

REQUIREMENTS

ANTIBACTERIAL FINISHES ASSESSMENT (AATCC 100)

ORIGINAL: FACE
REFER TO ATTACHED RESULT



Executive summary

The sample(s) was/were tested to the following standard and the data provided is for informational purposes only.

- AATCC 100-2012: Quantitative Determination of Antibacterial Finishes on Textile Materials

Method Summary

The anti-bacterial properties were evaluated using AATCC 100-2012: Quantitative Determination of Antibacterial Finishes on Textile Materials. The following organism was used for this test: *Staphylococcus aureus* (ATCC strain no. 6538).

Test samples were inoculated with the test organism. After incubation, the bacteria were eluted from the samples by shaking in known amounts of neutralizing solution.

The number of bacteria present in this liquid was determined, and the percentage reduction by the treated specimen was calculated.

RESULTS:

Tested Component:

(A) White fabric

Percent Reduction (%)

Name of bacteria used for test (Strain number)	<i>Staphylococcus aureus</i> (ATCC 6538)
Percent Reduction (%)	≥ 99.9
Comment	Antibacterial activity was effective.

Recovery of Bacteria

Name of bacteria used for test (Strain number)	<i>Staphylococcus aureus</i> (ATCC 6538)
bacteria recovered from the untreated sample after 24 hours contact (cfu/sample)	Not available*
bacteria immediately recovered from the untreated sample (T0) (cfu/sample) (C)	Not available*
bacteria recovered from the treated sample after 24 hours contact (cfu/sample) (A)	LT100
bacteria immediately recovered from the treated sample (T0) (cfu/sample) (B)	112,000
bacteria recovered from the standard cloth after 24 hours contact (cfu/sample)	10,700,000

Note:

Percent reduction (%) = 100 [(B - A) / B]

* Identical untreated control sample was not submitted by client

GT = Greater Than

LT = Less Than

Remarks:

- Only ≥99.9% reduction on bacteria population is considered effective; nonetheless, the criterion for passing the test must be determined by the interested parties.

Information:

Sample size per container:

12 swatches

Method of sterilization:

None

No. of bacteria were inoculated per sample:

100,000

cfu/ml of

Staphylococcus aureus (ATCC 6538)

Neutralizing solution:

D/E Neutralizing Broth

The dilution of the test organism:

1:20 times diluted Nutrient broth with 0.05% Triton X-100

Plate Count Medium:

Nutrient Agar



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