

ELIM MEDICAL TECHNOLOGY (SUZHOU) CO.,LTD.
PEISHE,JIGENG ROAD, BEILIAN, TONGLI TOWN, WUJIANG, SUZHOU, CHINA

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Printed pattern disposable curtain: 100% polypropylene in printed pattern
Manufacturer : ELIM MEDICAL TECHNOLOGY (SUZHOU) CO.,LTD

Proposed Care Instruction : -

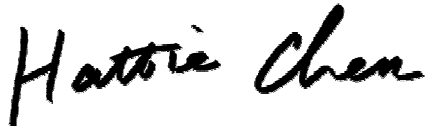
Test Performed : Selected test(s) as requested by applicant
* * * * *

Sample Receiving Date : Jul 30, 2018
Testing Period : Jul 30, 2018 - Aug 09, 2018
Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. For further details, please refer to the following page(s).

Conclusion
Antibacterial Assessment M

Remarks: M=Meet General's Requirement

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co. Ltd



Hattie Chen
Account Executive



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Test Result

Antibacterial Assessment

TEST(S) REQUESTED:

Selected test(s) as requested by applicant:
Antibacterial Assessment for the submitted sample

CONCLUSION(S):

Name of test bacteria (Strain number)	Antibacterial value:A	Efficacy of antibacterial property	Comment
<i>Staphylococcus Aureus</i> (ATCC 6538)	>4.7	Antibacterial value $2 \leq A < 3$, the efficacy of antibacterial property of the test fabric can be considered significant; Antibacterial activity $A \geq 3$, the efficacy of antibacterial property of the test fabric can be considered strong	Pass, the efficacy of antibacterial property of the test fabric can be considered strong
<i>Escherichia coli</i> (ATCC 8739)	>6.4		Pass, the efficacy of antibacterial property of the test fabric can be considered strong
* <i>Candida Albicans</i> (ATCC 10231)	3.6		Pass, the efficacy of antibacterial property of the test fabric can be considered strong

*According to client's requirement, evaluate with reference ISO 20743:2013

TEST METHOD:

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

TEST ORGANISMS:

Staphylococcus Aureus ATCC 6538, *Candida Albicans* ATCC 10231 , *Escherichia coli* ATCC 8739



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TEST RESULT(S):

Name of test bacteria (Strain number)	<i>Staphylococcus Aureus</i> (ATCC 6538)		<i>Escherichia coli</i> (ATCC 8739)		<i>Candida Albicans</i> (ATCC 10231)	
Concentration of inoculum (CFU/mL)	2.7x 10 ⁵		2.4 x 10 ⁵		2.2 x 10 ⁵	
Difference of extremes for the three control specimens(lg) (condition: less than 1)	0h	24h	0h	24h	0h	24h
	<0.1	<0.1	<0.1	<0.1	/	/
Difference of extremes for the three antibacterial testing specimens(lg) (condition: less than 2)	0h	24h	0h	24h	0h	24h
	<0.1	<0.1	<0.1	<0.1	/	/
The growth value on the control sample F (F=lgC _t -lgC ₀)	+1.3 (lgC _t : +6.0 , lgC ₀ :+4.7)		+3.1 (lgC _t : +7.7 , lgC ₀ : +4.6)		/** (lgC _t : +5.9 , lgC ₀ : +4.6)	
The growth value on the antimicrobial-treated sample G (G =lgT _t -lgT ₀)*	< -3.4 (lgT _t : <+ 1.3 , lgT ₀ : + 4.7)		< -3.3 (lgT _t : <+ 1.3 , lgT ₀ : +4.6)		-2.3 (lgT _t : +2.3 , lgT ₀ : +3.5)	
Antibacterial activity value (A=F- G)	>4.7		>6.4		3.6	
Measuring method	Plate count method					
Sterilization method	Autoclave					
Incubation time	24h					

REMARK: The control sample is 100% cotton fabric, provided by SGS lab.

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

**This test conditions applies only to bacteria and does not apply to fungi.

Sample Photo



*** End of Report ***



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