
Test Report

Report No. : AGC11109201101-002

SAMPLE NAME :
MODEL NAME : /
APPLICANT :
STANDARD(S) : Please refer to follow page(s).
DATE OF ISSUE : Nov.12, 2020

Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd.



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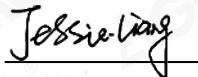
Applicant :
Address :

Report on the submitted sample(s) said to be:

Sample Name :
Item No. :
Material : Polyester/Elastane
Country of Origin : Spain
Country of Destination :
Sample Received Date : Nov.02, 2020
Testing Period : Nov.02, 2020 to Nov.12, 2020

Test Requested:

As requested by client, to determine the Antibacterial activity of Escherichia coli ,
Staphylococcus aureus and Candida albicans for the submitted sample.

Approved by: 

Liangdan, Jessie.Liang

Technical Director

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Test Result(s):

Test Method: ISO 20743 : 2013.

Test Strain	Test instrument	Liquid inoculant concentration (CFU/mL)	Liquid inoculant amount (mL)
Escherichia coli ATCC 8739	Biochemical incubator	2.8×10^5	0.2
Staphylococcus aureus ATCC 6538		2.6×10^5	0.2
Candida albicans ATCC 10231		2.5×10^5	0.2

Test strain	Parallel test	Number of viable bacteria obtained at 0h after inoculation of untreated specimen (CFU/ml)	Number of viable bacteria obtained at 24h after inoculation of untreated specimen (CFU/ml)	Number of viable bacteria obtained at 0h after inoculation of antibacterial specimen (CFU/ml)	Number of viable bacteria obtained at 24h after inoculation of antibacterial specimen (CFU/ml)	Antibacterial activity value	Antibacterial rate (%)
Escherichia coli ATCC 8739	1	1.3×10^4	2.7×10^5	1.2×10^4	6.2×10^4	0.65	76.54
	2	1.2×10^4	2.5×10^5	1.3×10^4	6.0×10^4		
	3	1.2×10^4	2.7×10^5	1.3×10^4	6.0×10^4		
	Average value	1.2×10^4	2.6×10^5	1.3×10^4	6.1×10^4		
Staphylococcus aureus ATCC 6538	1	1.0×10^4	1.3×10^5	1.2×10^4	3.2×10^3	0.62	76.15
	2	1.1×10^4	1.2×10^5	1.1×10^4	3.0×10^3		
	3	1.1×10^4	1.4×10^5	1.1×10^4	3.1×10^3		
	Average value	1.1×10^4	1.3×10^5	1.1×10^4	3.1×10^3		
Candida albicans ATCC 10231	1	1.1×10^4	1.2×10^5	1.1×10^4	4.7×10^3	0.42	65.38
	2	1.1×10^4	1.3×10^5	1.0×10^4	4.4×10^3		
	3	1.1×10^4	1.3×10^5	1.0×10^4	4.5×10^3		
	Average value	1.1×10^4	1.3×10^5	1.0×10^4	4.5×10^3		

Note: CFU= Colony Forming Units per milliliter

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Test Sample List:

Sample No.	Sample Description
2	Polyester/elastane antibacterial fabric

The photo of the sample**AGC11109201101-002**

AGC authenticates the photo only on the original report

*** End of Report ***

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