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# Test Report

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Report No. : AGC11109201101-001

**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  
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	$2.8 \times 10^5$	0.2
Staphylococcus aureus ATCC 6538		$2.6 \times 10^5$	0.2
Candida albicans ATCC 10231		$2.5 \times 10^5$	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	$1.3 \times 10^4$	$2.7 \times 10^5$	$1.1 \times 10^4$	$1.1 \times 10^4$	1.29	95.77
	2	$1.2 \times 10^4$	$2.5 \times 10^5$	$1.0 \times 10^4$	$1.2 \times 10^4$		
	3	$1.2 \times 10^4$	$2.7 \times 10^5$	$1.0 \times 10^4$	$1.1 \times 10^4$		
	Average value	$1.2 \times 10^4$	$2.6 \times 10^5$	$1.0 \times 10^4$	$1.1 \times 10^4$		
Staphylococcus aureus ATCC 6538	1	$1.0 \times 10^4$	$1.3 \times 10^5$	$1.2 \times 10^4$	$7.1 \times 10^3$	1.26	94.54
	2	$1.1 \times 10^4$	$1.2 \times 10^5$	$1.1 \times 10^4$	$7.2 \times 10^3$		
	3	$1.1 \times 10^4$	$1.4 \times 10^5$	$1.1 \times 10^4$	$7.0 \times 10^3$		
	Average value	$1.1 \times 10^4$	$1.3 \times 10^5$	$1.1 \times 10^4$	$7.1 \times 10^3$		
Candida albicans ATCC 10231	1	$1.1 \times 10^4$	$1.2 \times 10^5$	$1.3 \times 10^4$	$9.9 \times 10^3$	1.16	92.46
	2	$1.1 \times 10^4$	$1.3 \times 10^5$	$1.2 \times 10^4$	$9.8 \times 10^3$		
	3	$1.1 \times 10^4$	$1.3 \times 10^5$	$1.2 \times 10^4$	$9.8 \times 10^3$		
	Average value	$1.1 \times 10^4$	$1.3 \times 10^5$	$1.2 \times 10^4$	$9.8 \times 10^3$		

**Note:** CFU= Colony Forming Units per milliliter

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**Test Sample List:**

Sample No.	Sample Description
1	Polyester antibacterial fabric

**The photo of the sample****AGC11109201101-001**

AGC authenticate the photo only on original report

\*\*\* End of Report \*\*\*

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