

Test Report

No. F690101/LF-CTSAYAR20-01310E

Issued Date : 2020. 05. 28

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YOM CORPORATION

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Busan
Korea

The following merchandise was submitted and identified by the client as :

SGS File No. : AYAR20-01310E
Product Name : Anti-Virus film
Item No./Part No. : V-Zero 580
Test Period : 2020. 05. 07 to 2020. 05. 28
Test Result(s) : For further details, please refer to following page(s).



Conrad Lee

Technical Manager / SGS KOREA

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Sample No. : AYAR20-01310E.001

Sample Description : Anti-Virus film

Item / Part No. : V-Zero 580

Material : N/A

Antimicrobial Activity (JIS Z 2801:2010E)

Test microorganisms	Result(s)					
	Initial bacteria number (CFU/film)	Bacteria number after 24 hr at 35 °C			Antimicrobial activity	
		Control (CFU/film)	Sample (CFU/film)		R	Percentage (%)
<i>Escherichia coli</i> ATCC 8739	2.0 x 10 ⁵	1.0 x 10 ⁸	1st	<25	6.6	>99.9%
			2nd	<25	6.6	>99.9%
			3rd	<25	6.6	>99.9%
<i>Staphylococcus aureus</i> ATCC 6538P	2.1 x 10 ⁵	1.4 x 10 ⁷	1st	<25	5.8	>99.9%
			2nd	<25	5.8	>99.9%
			3rd	<25	5.8	>99.9%

<Remark>

1) Sample material: film

2) Inoculum Concentration:

Escherichia coli : 2.0 x 10⁵ CFU/film

Staphylococcus aureus : 2.1 x 10⁵ CFU/film

3) Method: JIS Z-2801 methods - Pour plate method

4) Dilution medium: 1/500 Nutrient broth (BD)

5) The results shown in this test report refer only to the sample(s) tested unless otherwise stated.

This test report is not related to Korea Laboratory Accreditation and KS Q ISO/IEC 17025.

6) Verify for authenticity and validity in web site : https://twap.sgs.com/sgsrsts_cloud.

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Picture of Sample as Received :

**AYAR20-01310E**

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- Antimicrobial Activity of Photo : Escherichia coli: Control & Sample -

- after 24 hr at 35 °C -

Control

Sample 1st



Sample 2nd

Sample 3rd

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- Antimicrobial Activity of Photo : Staphylococcus aureus: Control & Sample -

- after 24 hr at 35 °C -

Control

Sample 1st



Sample 2nd

Sample 3rd

*** End of Report ***

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