

Oft No. F690101/LF-CTSAYFN20-22641

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ADTECH CO., LTD.

108, 305beon-gil, Daegotbuk-ro, Daegot-myeon, Gimpo-si, Gyeonggi-do KOREA

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

SGS File No.	: AYFN20-22641
Sample Description	: CU-2430
Item no./Lot No.	: -
SGS Ref No.	: AYHA20-07019
Test Period	: 2020. 06. 24 to 2020. 07. 13
Purpose of Test Report	: Data for reference
Test Results	: For further details, please refer to following page (s)
Report Comments	: 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.
	Verify for authenticity and validity in web site : https://twap.sgs.com/sgsrsts_cloud

ConardLee

Technical Manager / SGS KOREA

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Results:

Antimicrobial Activity (JIS Z 2801:2010E)

	Result(s)						
Test microorganisms	Initial bacteria	Control (CFU/film)	Sample (CFU/film)		Antimicrobial activity		
	number (CFU/film)				R	Percentage (%)	
Escherichia coli ATCC 8739	2.1 x 10⁵	3.8 x 10 ⁷	1st	5.3 x 10 ⁴	2.9	99.9%	
			2nd	5.1 x 10 ⁴	2.9	99.9%	
			3rd	5.6 x 10 ⁴	2.8	99.9%	
Staphylococcus aureus ATCC 6538P	1.9 x 10⁵	3.2 x 10 ⁷	1st	2.8 x 10 ⁶	1.1	91.3%	
			2nd	3.0 x 10 ⁶	1.0	90.9%	
			3rd	3.1 x 10 ⁶	1.0	90.6%	

<Remark>

1) Sample meterial : PE

2) Inoculum Concentration :

Escherichia coli : 2.1 × 10⁵ CFU/film

Staphylococcus aureus : 1.9 × 10⁵ CFU/film

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

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

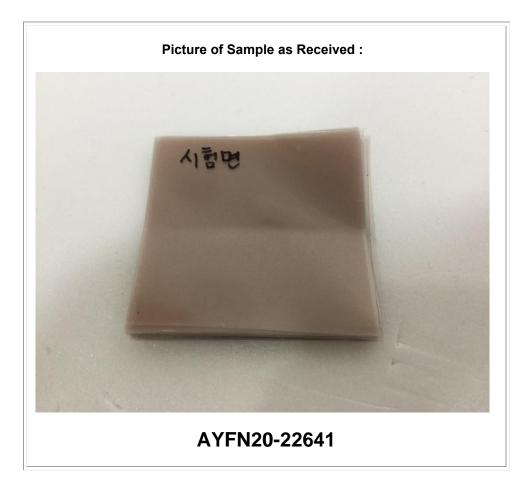
5) Inoculations : 35 °C, 24 hr

6) Incubation : 35 °C, 48 hr

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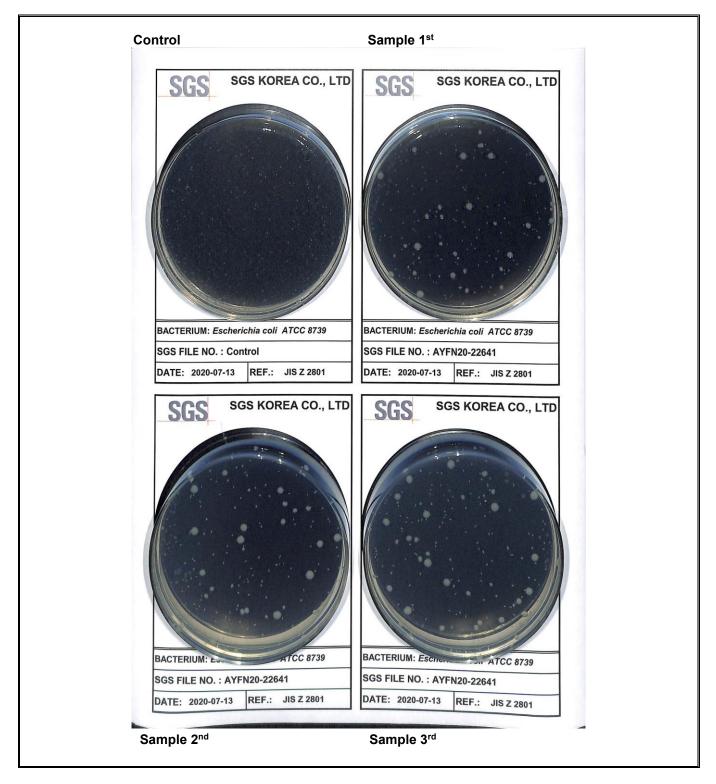
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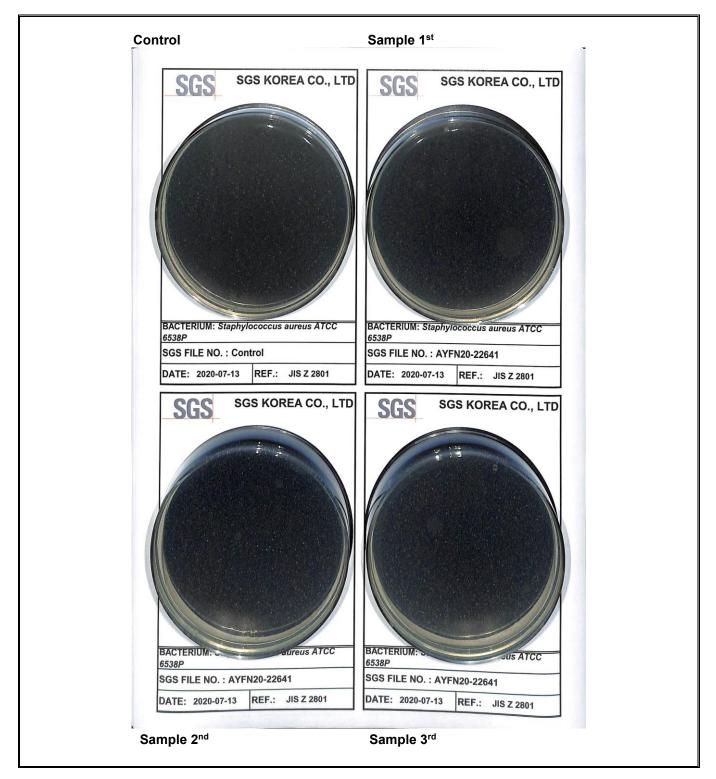
- Antimicrobial Activity of Photo: Escherichia coli -

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No. F690101/LF-CTSAYFN20-22641

- Antimicrobial Activity of Photo: Staphylococcus aureus -



*** End of Report ***

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