

# TEST REPORT



**APPLICANT :** NEOTENY CO., LTD.

**REPORT NO. :** M287-21-00596

**SAMPLE RECEIVED DATE :** 2021-02-01

**REPORT ISSUED DATE :** 2021-02-23

**PAGE :** 1 OF 9

**DESCRIPTION :** ONE(1) PIECE OF SUBMITTED CUTTING SAID TO BE FILM.

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ITEM : ACLIV ANTI-VIRUS SILVER FILM

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**TEST CONDUCTED :** AS REQUESTED BY THE APPLICANT, FOR DETAILS PLEASE SEE ATTACHED PAGES.

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PREPARED AND CHECKED BY  
FOR FITI



HAK JOO LEE  
QUALITY MANAGER

AUTHORIZED BY  
FOR FITI



JE-GOO JUN  
PRESIDENT

※ Report Verification No.: HHD-8944-83GK ※

(You can see the authenticity of your test report through the above "Report Verification No." at FITI homepage.)

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**01. ANTIMICROBIAL ACTIVITY AND EFFICACY ( JIS Z 2801 : 2010, FILM-CONTACT METHOD )**  
**: CFU/cm<sup>2</sup>, ANTIBACTERIAL ACTIVITY : log**

		BLANK	#1
BACTERIA-1	THE NUMBER OF BACTERIA AFTER INOCULATION	1.0 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	3.3 x 10 <sup>4</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	4.7 (99.9 %) <sup>NOTE1)</sup>
BACTERIA-2	THE NUMBER OF BACTERIA AFTER INOCULATION	1.0 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	9.5 x 10 <sup>5</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	6.1 (99.9 %) <sup>NOTE1)</sup>
BACTERIA-3	THE NUMBER OF BACTERIA AFTER INOCULATION	1.6 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	5.1 x 10 <sup>5</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	5.9 (99.9 %) <sup>NOTE1)</sup>
BACTERIA-4	THE NUMBER OF BACTERIA AFTER INOCULATION	1.6 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	2.5 x 10 <sup>5</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	5.6 (99.9 %) <sup>NOTE1)</sup>
BACTERIA-5	THE NUMBER OF BACTERIA AFTER INOCULATION	1.3 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	4.0 x 10 <sup>5</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	5.8 (99.9 %) <sup>NOTE1)</sup>
BACTERIA-6	THE NUMBER OF BACTERIA AFTER INOCULATION	1.0 x 10 <sup>4</sup>	-
	THE NUMBER OF BACTERIA AFTER 24 h	5.2 x 10 <sup>4</sup>	< 0.63
	ANTIBACTERIAL ACTIVITY	-	4.9 (99.9 %) <sup>NOTE1)</sup>

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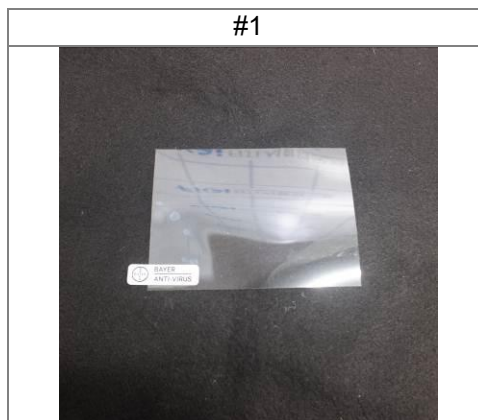
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- NOTE) 1. THE PRACTICAL UNIT OF log WAS EXPRESSED TOGETHER WITH % BY CLIENT'S REQUEST.  

$$\% = (1 - 10^{-(\text{Log}_{10} \text{ reduction})}) \times 100$$
2. STANDARD FILM : STOMACHER® 400 POLY-BAG
3. TEST CONDITION : THE SOLUTION ARE FIXED AT (35 ± 1) °C, 90 % R.H. FOR 24 h,  
 AND DETERMINE BACTERIA CELL GROWTH INHIBITION RATE BY  
 POUR AGAR PLATE METHOD.
4. ANTIMICROBIAL EFFICACY : ANTIBACTERIAL ACTIVITY SHALL NOT BE LESS THAN 2.0 log
5. TEST BACTERIA : BACTERIA-1 - *Staphylococcus aureus* ATCC 6538P  
 BACTERIA-2 - *Escherichia coli* ATCC 8739  
 BACTERIA-3 - *Klebsiella pneumoniae* ATCC 4352  
 BACTERIA-4 - *Pseudomonas aeruginosa* ATCC 27853  
 BACTERIA-5 - *Salmonella typhimurium* KCTC 1925  
 BACTERIA-6- *Methicillin-resistant of Staphylococcus aureus* ATCC 33591
6. < = LESS THAN
7. SEE ATTACHED PHOTOS.

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

\*\* SAMPLE PHOTO \*\*



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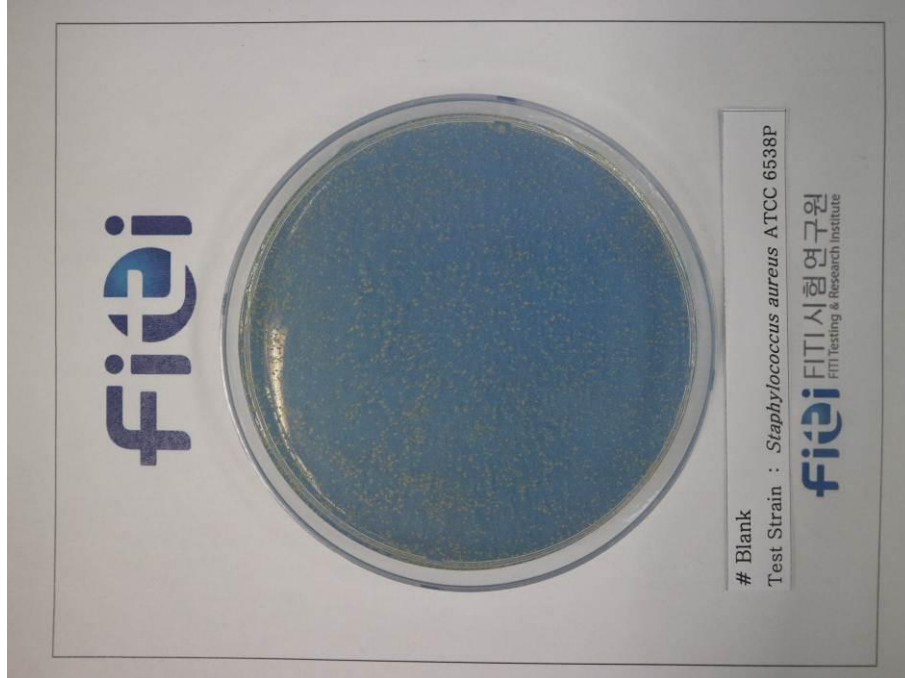
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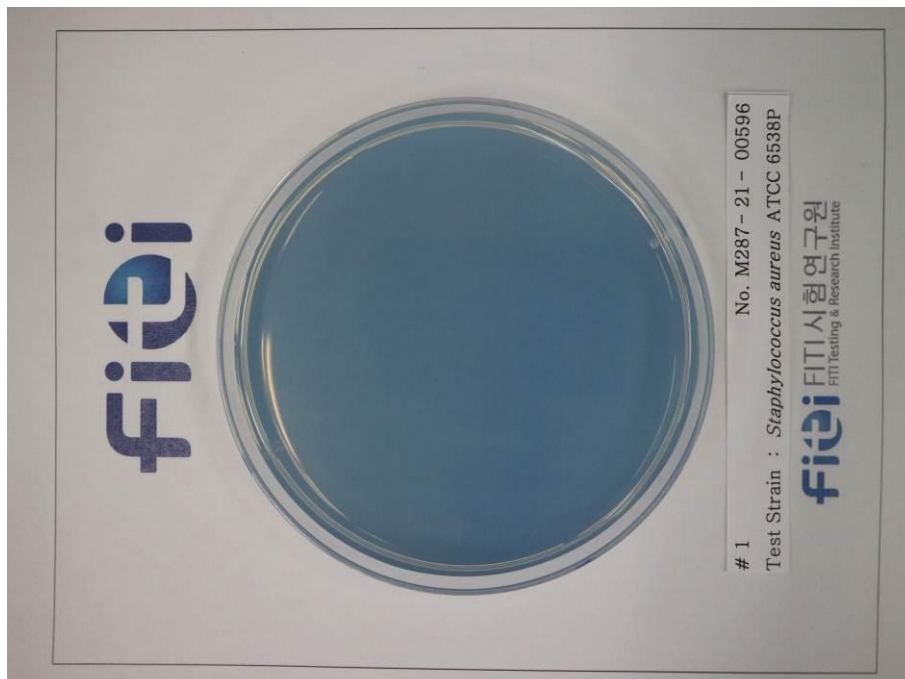
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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-1 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-1 : #1 -

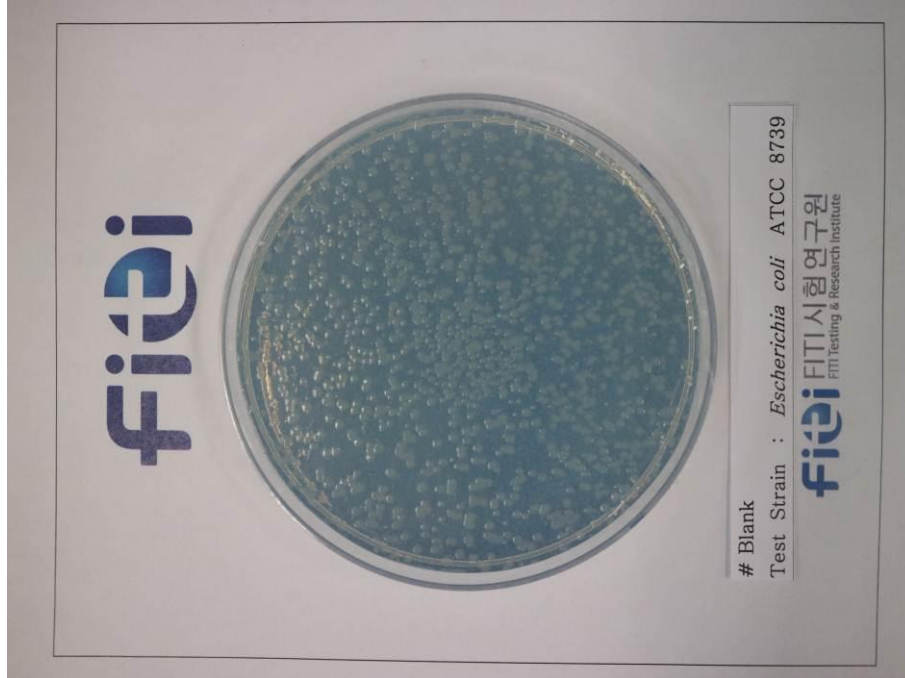


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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-2 : #1 -



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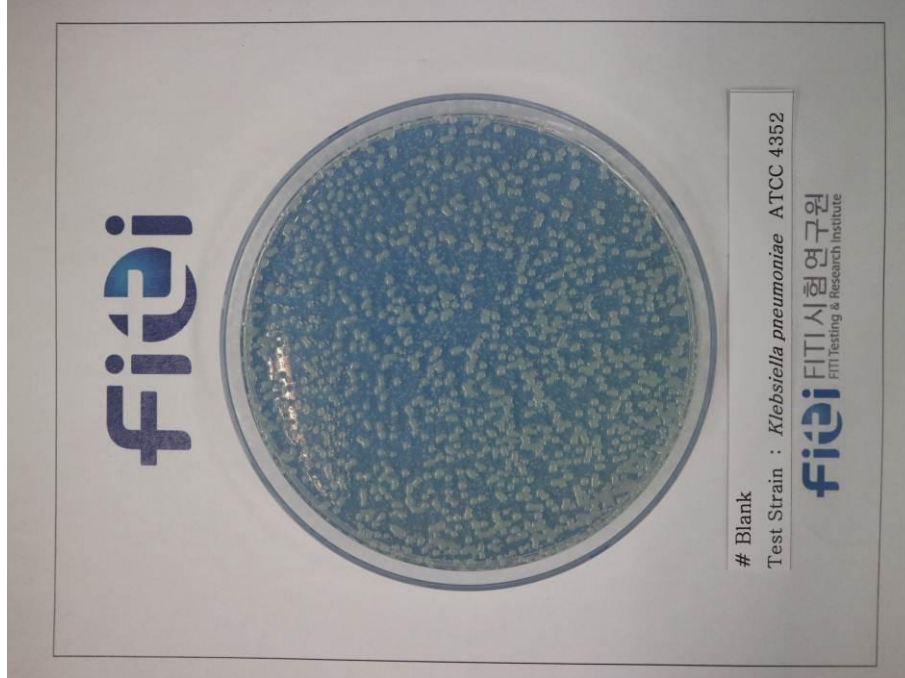
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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-3 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-3 : #1 -



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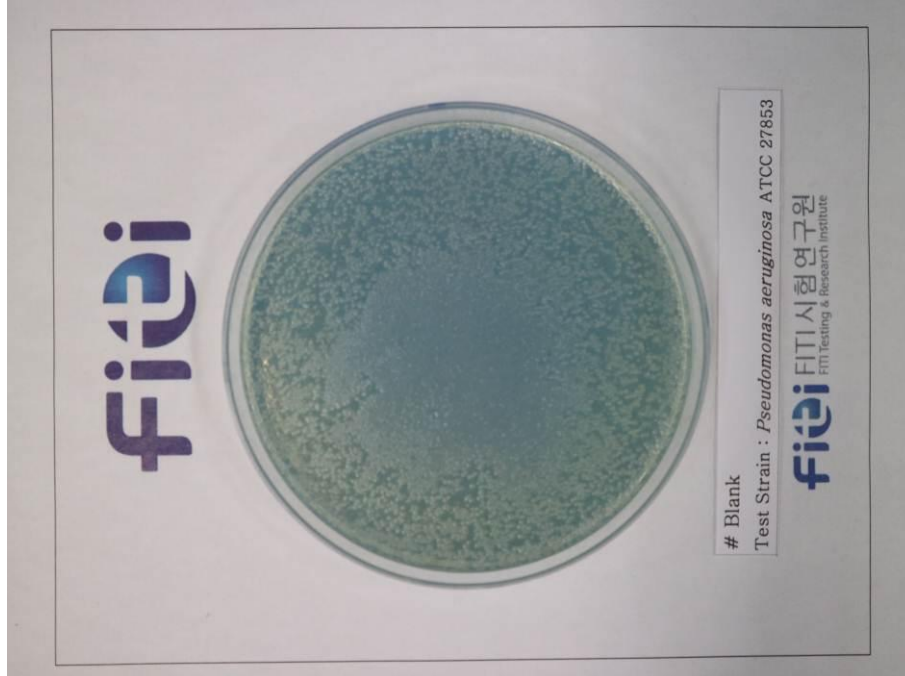
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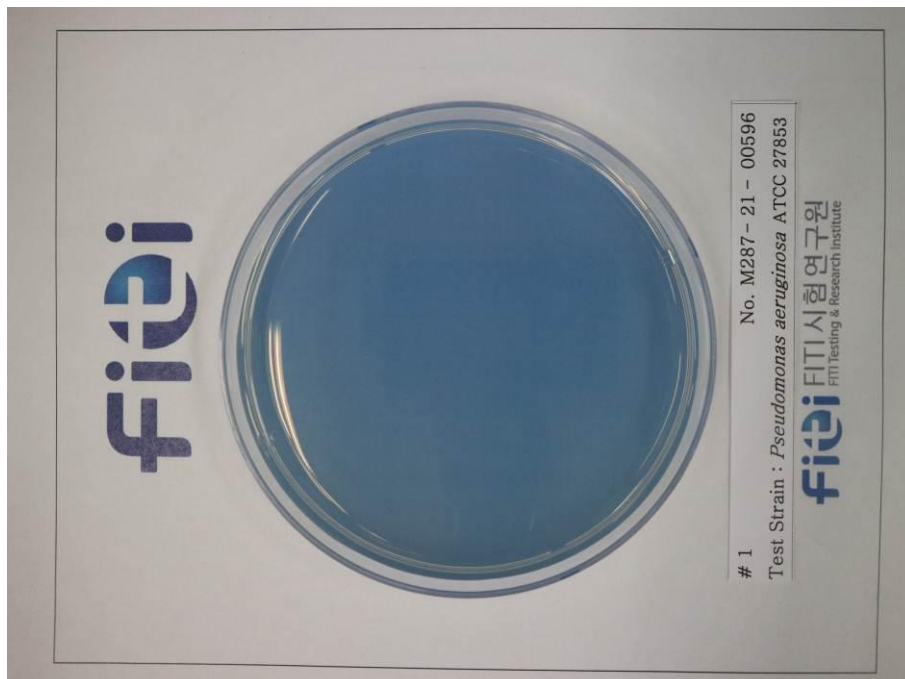
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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-4 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-4 : #1 -



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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-5 : #1 -



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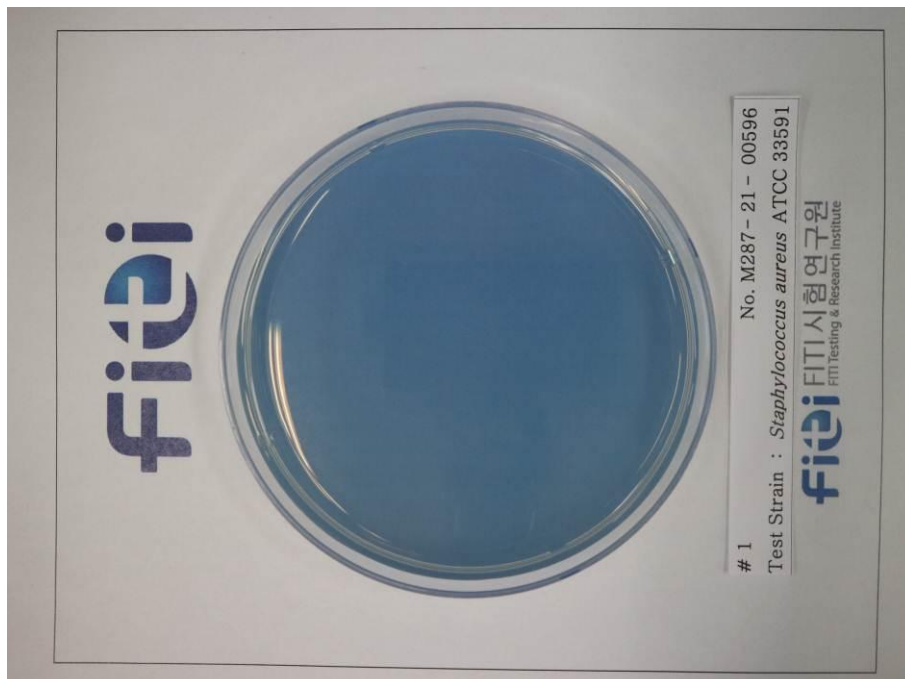
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- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-6 : BLANK -



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-6 : #1 -



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