

# TEST REPORT



APPLICANT : R&F Chemical

REPORT NO. : M287-20-01189

SAMPLE RECEIVED DATE : 2020-03-26

REPORT ISSUED DATE : 2020-04-03

PAGE : 1 OF 4

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

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ITEM : RNF Anti-microbial Film(RF7000CU)

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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.: 4Y99-TIMJ-423N ※

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

## e-DOCUMENT SERVICE

The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products. Results contained in this report are not based on the quality certification of sample by the FITI quality certification program unless specifically requested by the client. Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the FITI. This test report is irrelevant to KS Q ISO/IEC 17025 and KOLAS accreditation.

**01. ANTIMICROBIAL ACTIVITY AND EFFICACY ( JIS Z 2801 : 2010, FILM-CONTACT METHOD )**  
**: CFU/㎠, VALUE OF ANTIMICROBIAL ACTIVITY : log**

		BLANK	#1
BACTERIA-1	AT BEGINNING	$1.4 \times 10^4$	$1.4 \times 10^4$
	AFTER 24 h	$2.6 \times 10^4$	< 0.63
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	4.6
BACTERIA-2	AT BEGINNING	$1.4 \times 10^4$	$1.4 \times 10^4$
	AFTER 24 h	$1.1 \times 10^6$	< 0.63
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	6.2

NOTE) STANDARD FILM : STOMACHER® 400 POLY-BAG  
 TEST CONDITION : THE SOLUTION ARE FIXED AT  $(35 \pm 1) ^\circ\text{C}$ , 90 % R.H. FOR 24 h,  
 AND DETERMINE BACTERIA CELL GROWTH INHIBITION RATE BY  
 POUR AGAR PLATE METHOD.  
 ANTIMICROBIAL EFFICACY : THE VALUE OF ANTIMICROBIAL ACTIVITY  
 SHALL NOT BE LESS THAN 2.0 log  
 TEST BACTERIA : BACTERIA-1 - *Staphylococcus aureus* ATCC 6538P  
 BACTERIA-2 - *Escherichia coli* ATCC 8739  
 SEE ATTACHED PHOTOS.

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

**\*\* SAMPLE POTHO \*\***


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- ANTIBACTERIAL ACTIVITY OF TEXTILES PHOTO : BACTERIA-1 : BLANK -



- ANTIBACTERIAL ACTIVITY OF TEXTILES PHOTO : BACTERIA-1 : #1 -



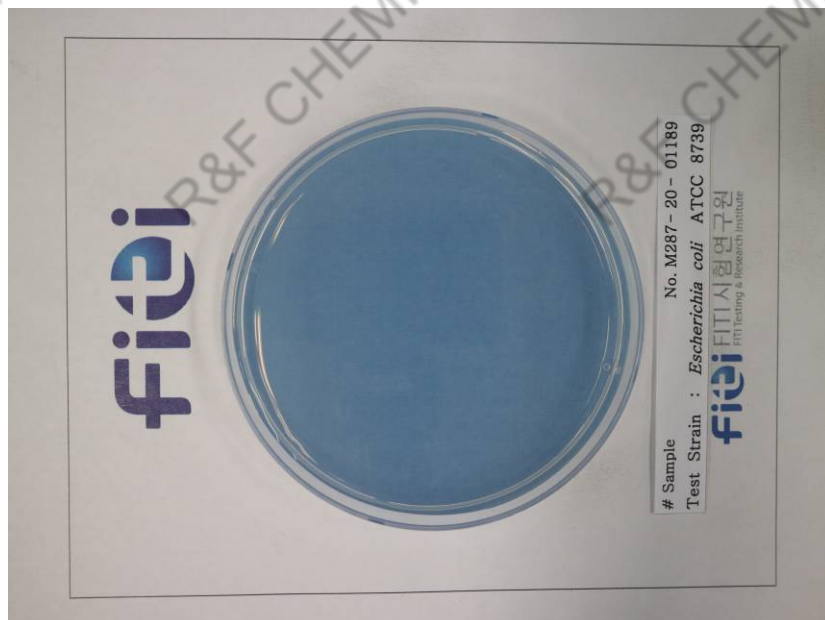
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- ANTIBACTERIAL ACTIVITY OF TEXTILES PHOTO : BACTERIA-2 : BLANK -



- ANTIBACTERIAL ACTIVITY OF TEXTILES PHOTO : BACTERIA-2 : #1 -



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