

TEST REPORT



APPLICANT : RESPILON PRODUCTION S.R.O

REPORT NO. : K286-21-02283

SAMPLE RECEIVED DATE : 2021-09-29

TEST STARTED DATE : 2021-09-29

REPORT ISSUED DATE : 2021-10-14

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

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ITEM : RESPILON AC FILTER

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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



KWANG JAE, PARK
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



HWA-YOUNG KIM
PRESIDENT

※ Report Verification No.: 8I9F-FS2Y-9CTG ※

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

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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.

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01. ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS (AATCC TM100 : 2019)
: CFU/mL, PERCENT REDUCTION OF BACTERIA %

		CONTROL	#1
BACTERIA 1:	THE NUMBER OF BACTERIA AFTER INOCULATION	1.5×10^5	-
	THE NUMBER OF BACTERIA AFTER 24h INCUBATION	1.5×10^7	< 100
	PERCENT REDUCTION OF BACTERIA	-	99.9
BACTERIA 2:	THE NUMBER OF BACTERIA AFTER INOCULATION	1.9×10^5	-
	THE NUMBER OF BACTERIA AFTER 24h INCUBATION	8.4×10^7	< 100
	PERCENT REDUCTION OF BACTERIA	-	99.9

NOTE) SAMPLE SIZE : (4.8 ± 0.1) cm IN DIAMETER, (1.0 ± 0.1) g OF CIRCULAR SWATCHES

UNTREATED CONTROL : 100% COTTON

STERILIZATION OF SAMPLE : AUTOCLAVE AT (121 ± 2) °C, 15 min

SUSPENSION MEDIUM : 5% NUTRIENT BROTH + 0.05% TRITON X-100

NEUTRALIZING BROTH : DEY ENGLE Y BROTH

TEST BACTERIA : BACTERIA 1 - *Staphylococcus aureus* ATCC 6538

BACTERIA 2 - *Klebsiella pneumoniae* ATCC 4352

SEE ATTACHED PHOTO

** End of The Report **

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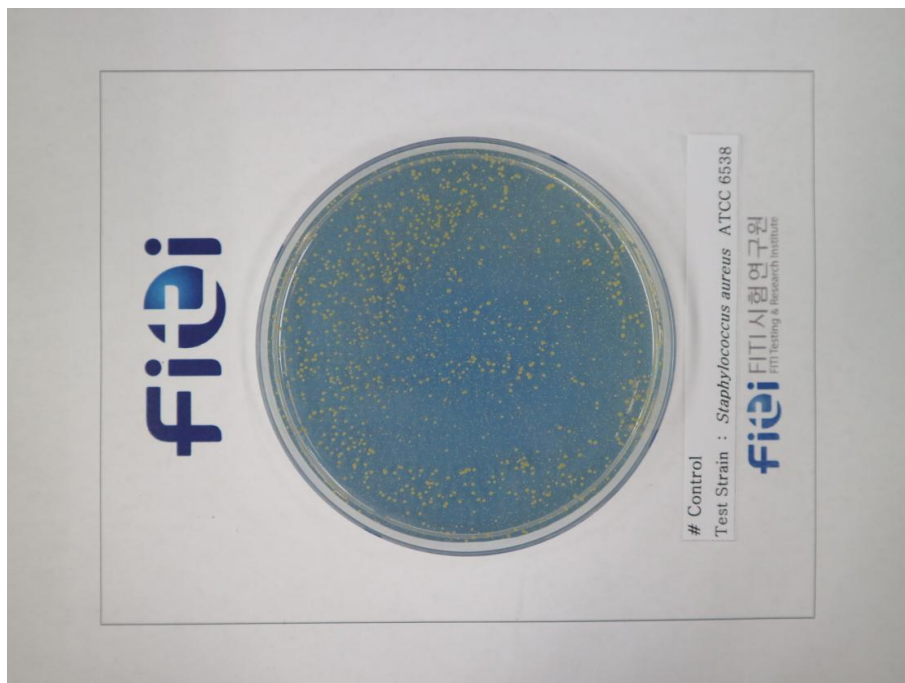
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- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS OF PHOTO : BACTERIA 1 : CONTROL -



- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS OF PHOTO : BACTERIA 1 : #1 -



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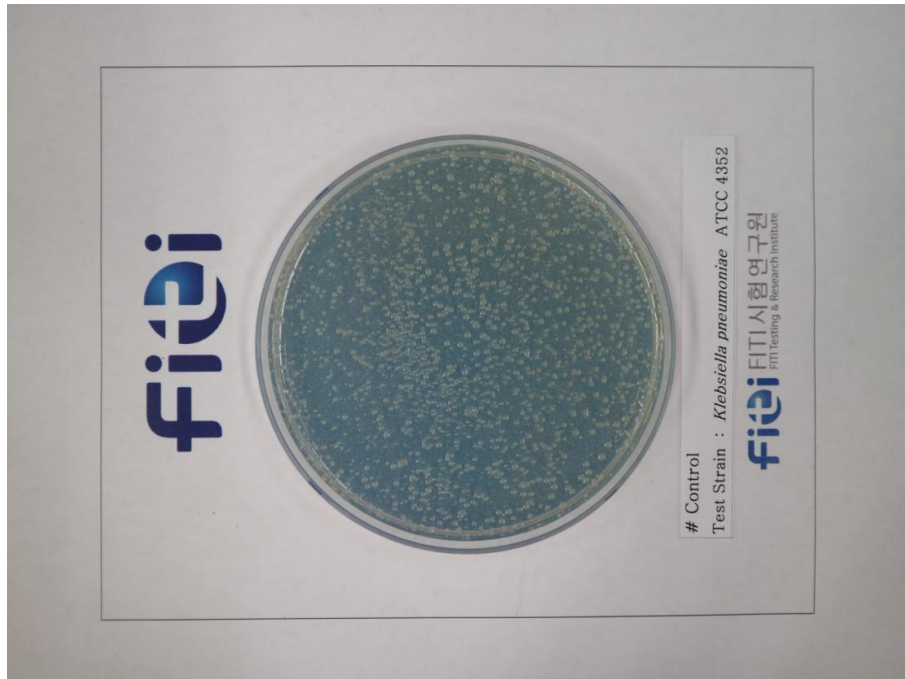
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- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS OF PHOTO : BACTERIA 2 : CONTROL -



- ANTIBACTERIAL FINISHES ON TEXTILE MATERIALS OF PHOTO : BACTERIA 2 : #1 -



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