

TEST REPORT



APPLICANT : LG HAUSYS, LTD.

REPORT NO. : B270-16-02176

SAMPLE RECEIVED DATE : 2016-05-25

TEST STARTED DATE : 2016-05-25

REPORT ISSUED DATE : 2016-06-08

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

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ITEM : Senior (PVC)

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

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PREPARED AND CHECKED
FOR FITI



SANG-KI LIM
QUALITY MANAGER

AUTHORIZED BY
FOR FITI



YOUNG-CHAN KIM
PRESIDENT

※ Report Verification No.: U8CY-N4TD-ZBI5 ※

(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. This test report is irrelevant to KOLAS accreditation.

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

ITEM		BLANK	SAMPLE
BACTERIA 1	AT BEGINNING	1.3 x 10 ⁴	1.3 x 10 ⁴
	AFTER 24 h	2.5 x 10 ⁴	<0.63
	VALUE OF ANTIMICROBIAL ACTIVITY	-	4.6
BACTERIA 2	AT BEGINNING	1.3 x 10 ⁴	1.3 x 10 ⁴
	AFTER 24 h	1.3 x 10 ⁶	<0.63
	VALUE OF ANTIMICROBIAL ACTIVITY	-	6.3
BACTERIA 3	AT BEGINNING	1.3 x 10 ⁴	1.3 x 10 ⁴
	AFTER 24 h	6.9 x 10 ⁴	<0.63
	VALUE OF ANTIMICROBIAL ACTIVITY	-	5.0

- NOTE) • STANDARD FILM : Stomacher® 400 poly-bag
 • THE SOLUTIONS ARE FIXED AT (35 ± 1) °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.
 • TEST BACTERIA
 - BACTERIA 1 : *Staphylococcus aureus* ATCC 6538P
 - BACTERIA 2 : *Escherichia coli* ATCC 8739
 - BACTERIA 3 : *Staphylococcus aureus* ATCC 33591 (*Methicillin-resistant strains of Staphylococcus aureus*)
 • SEE ATTACHED PHOTOS.

** End of The Report **

SAMPLE :

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BACTERIA 1 : BLANK



BACTERIA 1 : SAMPLE



BACTERIA 2 : BLANK



BACTERIA 2 : SAMPLE



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BACTERIA 3 : BLANK



BACTERIA 3 : SAMPLE



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