

## TEST REPORT

APPLICANT : KDF CO., LTD. : H217-11-00452 REPORT NO.

> SAMPLE RECEIVED DATE : 2011-10-13 TEST STARTED DATE : 2011-10-13 REPORT ISSUED DATE : 2011-10-27 PAGE : 1 OF 4

SAMPLE DESCRIPTION: ONE(1) PIECE OF SUBMITTED CUTTING SAID TO BE PVC FLOORING TILES(UNIDECO).

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

MANAGER OF THE DEPT. OF ECO-TESTING CENTER

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MOON-OK NOH

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TEST CONDUCTED TEST RESULT

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(01) ANTIBACTERIAL ACTIVITY (FILM-CONTACT METHOD, JIS Z 2801:2006)

: CELLS/ml, VALUE OF ANTIMICROBIAL ACTIVITY: log

		BLANK	#1
BACTERIA-1	AT BEGINNING	$3.8 \times 10^5$	$3.8 \times 10^5$
	AFTER 24HRS.	$5.2 \times 10^5$	<10
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	4.7
BACTERIA-2	AT BEGINNING	1.5 x 10 <sup>5</sup>	1.5 x 10 <sup>5</sup>
	AFTER 24HRS.	$1.7 \times 10^7$	<10
	VALUE OF ANTI-MICROBIAL ACTIVITY	-	6.2

NOTE) STANDARD FILM : STOMACHER® 400 POLY-BAG

TEST CONDITION : THE SOLUTION ARE FIXED AT (35  $\pm$  1)  $^{\circ}$ C, RH 90  $^{\circ}$ 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

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SAMPLE :



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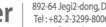
TEST CONDUCTED TEST RESULT

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



- ANTIMICROBIAL ACTIVITY AND EFFICACY PHOTO : BACTERIA-2 : BLANK -







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TEST CONDUCTED TEST RESULT

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



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

