

## TEST REPORT

APPLICANT : GP&E

REPORT NO. : D217-12-00338

SAMPLE RECEIVED DATE : 2012-10-11

TEST STARTED DATE : 2012-10-11

REPORT ISSUED DATE : 2012-10-22

PAGE : 1 OF 4

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

ITEM : G.Sol(G.Sol TREATED CARPET : AFTER 12 MONTH)

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

PREPARED AND CHECKED BY  
FOR FITI

IK Jae Choi

IK JAE, CHOI  
QUALITY MANAGER

AUTHORIZED BY  
FOR FITI

Moon Ok Noh

MOON-OK NOH  
PRESIDENT

REPORT NO. : D217-12-00338

PAGE : 2 OF 4

TEST CONDUCTED

TEST RESULT

(01) ANTIMICROBIAL ACTIVITY ASSESSMENT OF CARPETS-QUANTITATIVE ASSESSMENT ( AATCC 174:2011 ) : CFU,  
PERCENT REDUCTION OF BACTERIA : %

	BLANK	#1
BACTERIA-1 AT BEGINNING	$1.0 \times 10^5$	$1.0 \times 10^5$
AFTER 18HRS.	$1.5 \times 10^7$	< 100
PERCENT REDUCTION OF BACTERIA	-	99.9
BACTERIA-2 AT BEGINNING	$1.3 \times 10^5$	$1.3 \times 10^5$
AFTER 18HRS.	$2.4 \times 10^7$	<100
PERCENT REDUCTION OF BACTERIA	-	99.9

NOTE) SAMPLE SIZE : DIAMETER 48mm DISK, 1 SWATHES

PRE-WET MEDIUM : NUTRIENT BROTH

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

BACTERIA-2 - Klebsiella pneumoniae ATCC 4352.

SEE ATTACHED PHOTOS.

SAMPLE :

**fiti** **fiti**



REPORT NO. : D217-12-00338

PAGE : 3 OF 4

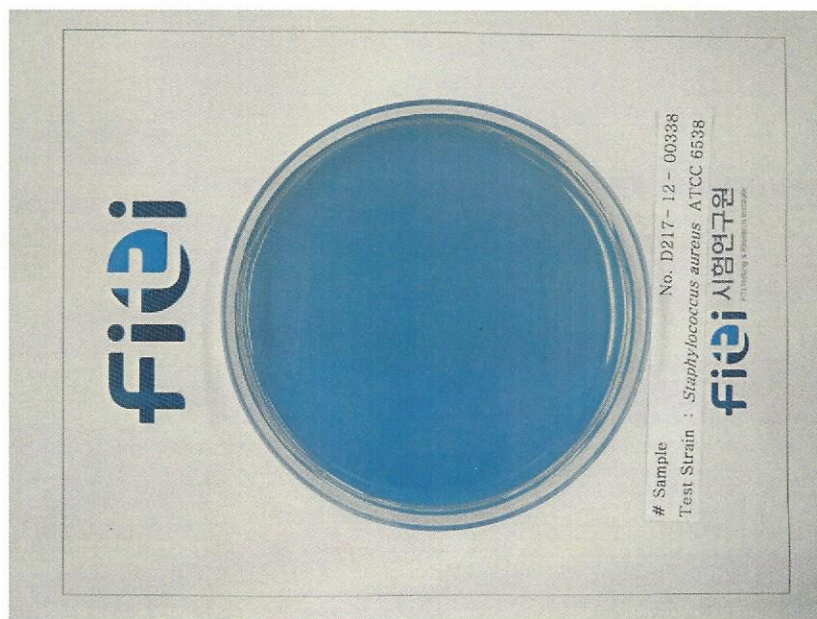
TEST CONDUCTED

TEST RESULT

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



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





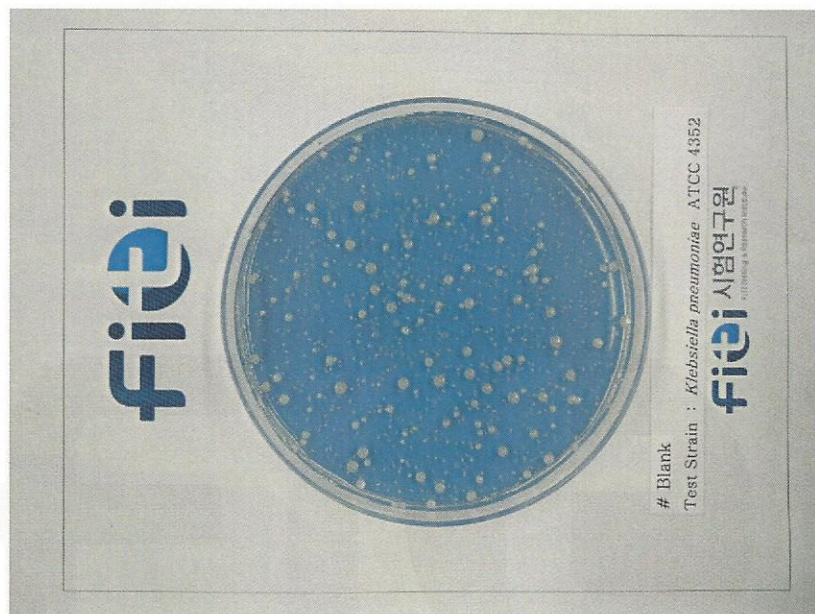
REPORT NO. : D217-12-00338

PAGE : 4 OF 4

TEST CONDUCTED

TEST RESULT

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



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

