

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

: 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

Jae CHOI

IK JAE. CHOI QUALITY MANAGER AUTHORIZED BY FOR FITI

moon Oh noh

MOON-OK NOH **PRESIDENT**

The test results contained in this report are limited to results on the sample(s) that is provided by the 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 offcial document that is established between the client identified on this letter and the FITI.



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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 | 1.0×10^5 | 1.0×10^5 |
| | AFTER 18HRS. | 1.5 X 10 ⁷ | < 100 |
| | PERCENT REDUCTION OF BACTERIA | = | 99.9 |
| BACTERIA-2 | AT BEGINNING | 1.3 X 10 ⁵ | 1.3 X 10 ⁵ |
| | AFTER 18HRS. | 2.4×10^7 | <100 |
| | PERCENT REDUCTION OF BACTERIA | <u>—</u> | 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.



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TEST CONDUCTED

TEST RESULT

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



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



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TEST CONDUCTED

TEST RESULT

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



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



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