

TEST REPORT

INOVAR ANTIMICROBIAL TEST



Laboratory: FITI Testing & Research Institute,

Report No: B270-15-03445

Test Standards: ASTM E 2180 – 07

Test Results: Reduction of Bacteria – 99.90%



TEST REPORT

APPLICANT: INOVAR SDN BHD

REPORT NO. : B270-15-03445

**This Certificate has been modified to protect certain confidential information without altering the test results.

SAMPLE RECEIVED DATE : 2015-09-23

TEST STARTED DATE : 2015-09-23

REPORT ISSUED DATE : 2015-10-12

PAGE : 1 OF 3

DESCRIPTION: ONE (1) SUBMITTED SAMPLE SAID TO BE INOVAR VINYL TILE.

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

PREPARED AND CHECKED
FOR FITI

Sang Ki Lim

SANG-KI LIM
QUALITY MANAGER

AUTHORIZED BY
FOR FITI

Moon Ok Noh

MOON-OK NOH
PRESIDENT

※ Report Verification No.: XS6P-XJYN-AJIW ※

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

01. ACTIVITY OF INCORPORATED ANTIMICROBIAL AGENTS IN POLYMERIC OR HYDROPHOBIC MATERIALS (ASTM E 2180-07) : CELLS/mL, PERCENT REDUCTION OF BACTERIA: %

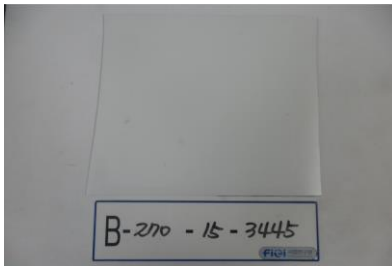
SPECIMEN No.		BLANK	#1
BACTERIA 1	"0" h CONTROL	1.5 x 10 ⁶	1.5 x 10 ⁶
	AFTER 24 h	1.5 x 10 ⁶	2.2 x 10 ³
	PERCENT REDUCTION OF BACTERIA (%)	-	99.9
BACTERIA 2	"0" h CONTROL	2.1 x 10 ⁶	2.1 x 10 ⁶
	AFTER 24 h	6.4 x 10 ⁷	9.6 x 10 ²
	PERCENT REDUCTION OF BACTERIA (%)	-	99.9

NOTE) • TEST CONDITION

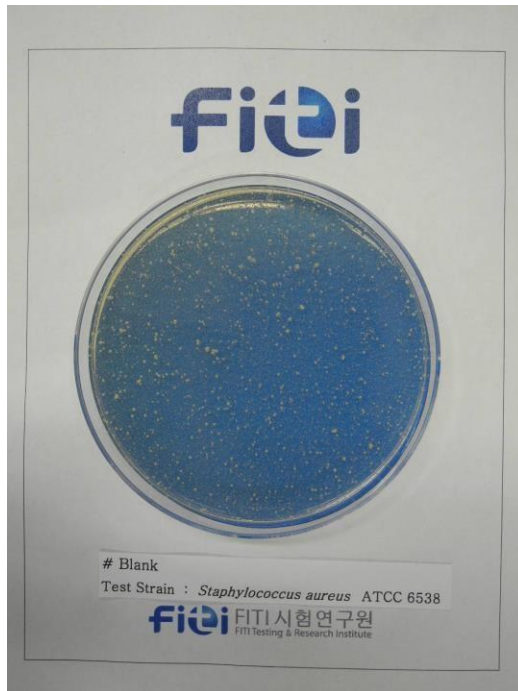
- SAMPLE SURFACE AREA : 3 cm X 3 cm
- INOCULUM VOLUME : 0.5 ml
- NEUTRALIZING BROTH : 0.2 % POLYSORBATE 80
- TEST BACTERIA
 - BACTERIA 1 : *Staphylococcus aureus* ATCC 6538
 - BACTERIA 2 : *Escherichia coli* ATCC 8739
- SEE ATTACHED PHOTOS.

** End of The Report **

SAMPLE PHOTO :



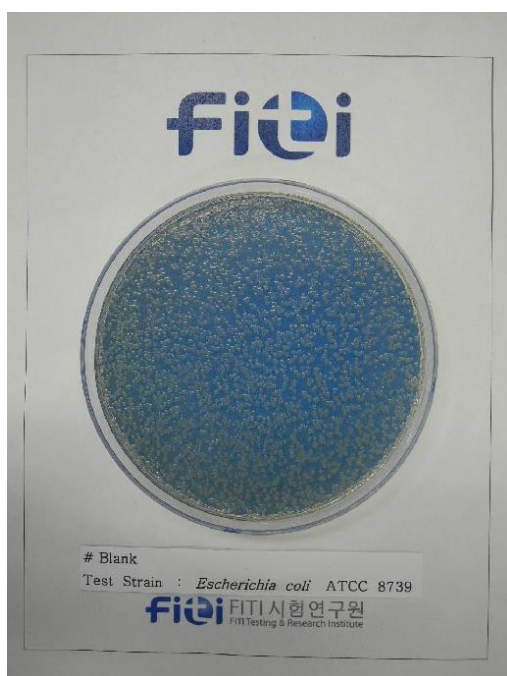
- BACTERIA 1 : BLANK -



- BACTERIA 1 : #1 -



- BACTERIA 2 : BLANK -



- BACTERIA 2 : #1 -

