

KAKEN**Kaken Test Center** GENERAL INCORPORATED FOUNDATION

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Kaken Test Center is formerly named as "Japan Synthetic Textile Inspection Institute Foundation(JSTIIF)".

No.1/1

Test report No.: OS-18-046287

Date: November 2, 2018

TEST REPORT

Requested : MARUSYOSANGYO CO., LTD.

Test sample : Plastic plate 1 sample

Test items : Antibacterial activity

Received : October 22, 2018

This is to report that the results of laboratory test applied on the sample are as follows:**1. Test results**

Test sample *1	The number of viable cells (CFU/Specimen)			Photocatalyst Antibacterial activity value (R _{F-1})	ΔR
	Immediately after inoculation (U _s)	After irradiating the visible light for 8 hours*2 (U _{F-I} , T _{F-I})	After keeping the dark place for 8 hours (U _D , T _D)		
Photocatalyst M-Clean MV-6	—	1.9E+02	3.8E+02	2.5	0.3
Control (Untreated sample)	1.8E+05	1.4E+05	1.3E+05	—	—

*1 Specimens were irradiated with UV ray at an irradiance of 1 mW/cm² for 24hours just before the test.

*2 Irradiated with a white fluorescent lamp with an illuminance of 1 000 lx (UV cut-off filter TYPE B used)

2. Test method: JIS R 1752:2013(Film adhesion method)Test bacteria: *Escherichia coli* NBRC 3972**3. Sample:**

Sample omitted

Kaken Test Center General Incorporated Foundation
Osaka Laboratories
Biological Test LaboratoryInspector : 中曾根 高明
T.Nakasone**Period.**

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