

Quality Test Report

ORIGINAL

Test Report No. TW-2150224

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Applicant: WONDERLAND ADVENTURE CO., LTD.
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Taipei City 10656, Taiwan

August 27, 2021

Test results to submitted sample are as follows.

Reception Date : May 28, 2021

Item Name : Polyester coated with JM nanocomposite material

Number of Item : 2

BOKEN QUALITY EVALUATION INSTITUTE

BOKEN

Taiwan Testing Center
SGS Taiwan Ltd.

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Test Item : The test of the antiviral efficacy

Test Method : ISO21702: 2019

Virus test suspension of 10^7 PFU/mL was dropped onto the surface of the test specimen, was brought into intimate contact with a film and contact was implemented at 25°C. 24 hours later, virus was recovered and the Virus Infectivity Titer was determined by Plaque assay.

Test virus : Influenza A virus (H1N1): ATCC VR-1469

Test Result :

Concentration of the test virus: 3.0×10^7 PFU/mL

		The common logarithm average of infectivity titer value	Antiviral activity value ($U_t - A_t$)
Polyester (Blank)	Immediately after inoculation (U_0)	5.64	_____
	After 24 h (U_t)	4.82	_____
Polyester coated with JM nanocomposite material (JM-PTEX1+JM-TTA01) (A_t)		1.58	3.2

* The volume of test inoculum used: 0.4mL The size of the cover film: 16cm²

* This sample was tested on client specified side.

* Tested by Boken Osaka laboratory.

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Taiwan Testing Center

Supervised by

A. Yamamoto

Notice - This test result is applied to the submitted sample, not to the lot.
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