

ORIGINAL

Quality Test Report

Test Report No. 30120027969
(29020003223-1) (Page 1 of 2)

Applicant: Taiwan Health Protective Company Limited

February 1, 2021

Test results to submitted sample are as follows.

Reception Date : August 28, 2020

Item Name : FACE IT MASK

Number of Item : 1

BOKEN QUALITY EVALUATION INSTITUTE

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Test Item : The test of the antiviral efficacy

Test Method : ISO 18184 : 2019 Textiles – Determination of antiviral activity of textile products

Infective titre measurement : Plaque assay

Test virus : Influenza A virus (H3N2) : ATCC VR-1679

Test Result :

Test sample		The common logarithm average of infectivity titer value		The antiviral activity value $\lg(V_a) - \lg(V_c)$
Standard cloth	Immediately after inoculation	$\lg(V_a)$	6.48	_____
	After 2h	$\lg(V_b)$	5.84	_____
FACE IT MASK		$\lg(V_c)$	2.30	4.2

Notice - This test result is applied to the submitted sample, not to the lot.
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 (29020003223-1) (Page 2 of 2)

Test Result :

Verification of this test		Criterion value	Test sample	Test result	Verification
Test item					
a	The virus infective titer of inoculated concentration for the test (PFU/mL)	$>10^7$	—————	1.8×10^7	Pass
b	Verification of cytotoxic effect	No damage	FACE IT MASK	No damage	Pass
	Verification of cell sensitivity to virus and inactivation of antiviral activity	≤ 0.5	FACE IT MASK	0.1	Pass
c	Logarithm reduction value of infective titer of control specimen	≤ 1.0	—————	0.6	Pass

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Supervised by *Yoshihiko Kurumaki*

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