

TEST REPORT

TUCHENG

Report No.: TFG13A0125

Date of Issue: 19 Jan 2024

Date of Receipt and Test Start: 10 Jan 2024

Page Order/Pages: 1/2

Report Title : AceGreen Eco-Material Technology Co., Ltd.(U0940)

Address : No. 50, Ln. 20, Sec. 1, Nantong Rd., Ershui Township, Changhua County 530, Taiwan

Item : Mask

Quantity : 1 PC

Ref. No. : --

Sample description is given by the client :

Sample 1 : AceGreen Surgical Face Mask



Test Results :

Test Items		Test Results		Test Method
		Sample 1		
Flammability (as Received)	Length wise	DNI		CNS 10285 L3196-1995 Method C
	Width wise	DNI		
	Rating	Anti-flaming Grade1		

Note: "DNI": Did Not Ignite.

Note: Takes 20 samples for testing.

Test Items		Test Results		Test Method
		Sample 1		
		None Seen		
Synthetic Blood Penetration Pressure: 80 mmHg		1-13		CNS 14774 T5017-2022 9.1/CNS 14776 T4038-2022

Test Items		Test Results		Test Method
		Sample 1		
Bacterial Filtration Efficiency (BFE)(%)	1	> 99.9		CNS 14774 T5017-2022 9.2/CNS 14775 T4037-2022
Staphylococcus aureus ATCC 6538	2	99.9		
	3	> 99.9		
	4	> 99.9		
	5	> 99.9		

Note: Control average:2249 CFU, Mean particle size: 2.9 μm.

Note: Testing side: inside of specimen., Testing area: 40 cm², Testing flow rate: 28.3 L/min.

Authorized by president of Taiwan Textile Research Institute
Director, Department of Testing and Certification

Jui-hung kao

Note:

1. This report is only responsible for the submitted sample(s), which will be kept for one month period.
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Department of Testing and Certification, Taiwan Textile Research Institute
No.6, Chengtian Rd., Tucheng Dist., New Taipei City 23674, Taiwan (R. O. C.)
Tel : +886-2-22670321 ext. 7107, 7110
Fax : +886-2-22675108 , +886-2-22689839



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Test Items		Test Results		Test Method
		Sample 1		
Air exchange pressure (mmH ₂ O/cm ²)	1	4.4		CNS 14774 T5017- 2022 9.4/CNS 14777 T4039-2003
	2	4.4		
	3	4.3		
	4	4.5		
	5	4.2		

Note: Air Exchange Pressure takes 5 masks for testing.

Note: Testing area: 4.9 cm², Testing flow rate: 8 L/min.

Test Items		Test Results		Test Method
		Sample 1		
Sub-Micron Particulate Filtration Efficiency (0.1 μm PSL) (%)	1	99.91		CNS 14774 T5017- 2022 9.3(a)/ASTM F2299-2017
	2	99.91		
	3	99.90		
	4	99.91		
	5	99.91		
	Ave.	99.91		

Sample photo :



-- End --

