

## TEST REPORT

TUCHENG

Report No.: TFG2L195

Date of Issue: 26 Dec 2023

Date of Receipt and Test Start: 18 Dec 2023

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 : AceGreem Surgical Face Mask



Test Results :

Test Items		Test Results		Test Method
		Sample 1		
Flammability (as Received)	Length wise	DNI		CNS 14774 T5017-2022 9.5/CNS 10285
	Width wise	DNI		
	Rating	Anti-flaming Grade1		L3196-1995 Method C

Note: "DNI": Did Not Ignite.

Note: Takes 20 samples for testing.

Test Items		Test Results		Test Method
		Sample 1		
Synthetic Blood Penetration	Pass	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: 2159 CFU, Mean particle size: 3.2 μm.

Note: Testing side: inside of specimen., Testing area: 40 cm<sup>2</sup>, 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.
2. This report cannot be reproduced in any way, except in full context, without the prior approval in writing of this Department of Testing and Certification.
3. The test report should not be used for public advertisement and commercial promotion.

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



TFG2L195



Report No.: TFG2L195

## TEST REPORT

TUCHENG

Date of Issue: 26 Dec 2023

Date of Receipt and Test Start: 18 Dec 2023

Page Order/Pages: 2/2

Test Items		Test Results		Test Method
		Sample 1		
Air exchange pressure (mmH <sub>2</sub> O/cm <sup>2</sup> )	1	6.8		CNS 14774 T5017- 2022 9.4/CNS 14777 T4039-2003
	2	6.6		
	3	6.4		
	4	6.3		
	5	6.3		

Note: Air Exchange Pressure takes 5 masks for testing.

Note: Testing area: 4.9 cm<sup>2</sup>, Testing flow rate: 8 L/min.

Test Items		Test Results		Test Method
		Sample 1		
Sub-Micron Particulate Filtration Efficiency (0.1 μm PSL) (%)	1	99.96		CNS 14774 T5017- 2022 9.3(a)/ASTM F2299-2017 28.3 L/min
	2	99.97		
	3	99.97		
	4	99.96		
	5	99.96		
	Ave.	99.96		

Sample photo :



-- End --

