

广州市微生物研究所有限公司
GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

检测报告

TEST REPORT


Report Number	KY20210142
Name of Sample	AIRLOT treated nonwovencloth
Applicant	Zhejiang Airplot Technology Co., Ltd.

GUANG ZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

TEST REPORT

Date Received: May 24, 2021

Date Analyzed: Jun. 15, 2021

Name of Sample	AIRLOT treated nonwovencloth	Source of Sample	Delivery
Applicant	Zhejiang Airplot Technology Co., Ltd.	Client	Wang Di
Manufacturer	Japen zen-world company	Brand	AIRPLOT
Type and Specification	60g non-woven fabric + platinum photocatalyst mask	Quantity of Sample	IPC
Date of Production	2021.05.01	State of Sample	Flake
Batch Number	20210501	Packing of Sample	In bag
Sample Picture			
Standard and Methods	1. Referring to ISO 18184-2019 Determination of Antiviral Activity of Textile Products 2. Referring to GB/T30706-2014 Measurment method and evaluating of the antibacterial characteristics of photocatalysis materials under visible light irradiation		
Items of Analysis	Antiviral rate (<i>Influenza A virus A/PR8/34 H1N1</i>)		
Remarks	The data of this report are provided by GUANG DONG HUA WEI TESTING CO., LTD.		

To be continued

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Antiviral Test:

1. Test Conditions

- 1) Sample pretreatment: the sample was exposed to sunlight for 2 hours before the test, and was irradiated with a 380 nm lamp during the test
- 2) Test distance: 30cm below the sample

2. Test Results

The Test Virus and Host	Test time	Test Group	Virus Titer (TCID ₅₀ /mL)				Mean Inactivation Log Value	Antiviral Rate (%)
			First Test	Second Test	Third Test	Mean		
<i>Influenza A virus</i> (A/PR8/34 H1N1) Host: MDCK	6h	Control Group	2.00×10 ⁶	2.00×10 ⁶	3.56×10 ⁶	2.52×10 ⁶	>5.60	>99.99
		Test Group	<6.32	<6.32	<6.32	<6.32		

Note: The control cells grew normally.

End of report

Editor

郑苗

Checker

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Issuer

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Date Reported



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