

广州市微生物研究所

GUANG ZHOU INSTITUTE OF MICROBIOLOGY

检测报告

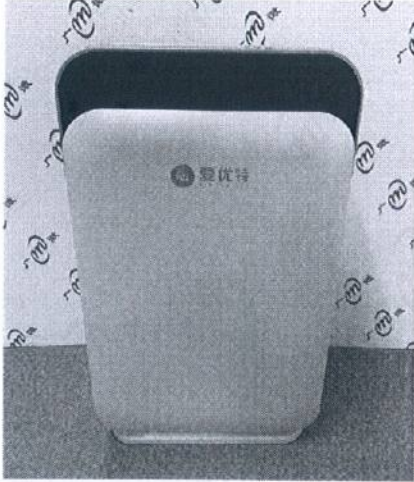
TEST REPORT

Report Number	KY20200107
Name of Sample	Electrostatic Air sterilizer
Applicant	AirQuality Technology (Shanghai) Co., Ltd.

GUANG ZHOU INSTITUTE OF MICROBIOLOGY
TEST REPORT

Date Received: Feb. 10, 2020

Date Analyzed: Feb. 11, 2020

Name of Sample	Electrostatic Air sterilizer	Source of Sample	Delivery
Applicant	AirQuality Technology (Shanghai) Co., Ltd.	Client	Cai Kui
Manufacturer	——	Brand	——
Type and Specification	KJ300F-02A	Quantity of Sample	1PC
Date of Production	——	State of Sample	Machine
Batch Number	——	Packing of Sample	In box
Sample Picture			
Standard and Methods	1. Refer to GB/T 18801-2015 Air cleaner 2. Refer to <Technical Standard For Disinfection> 2002-2.1.3 Air disinfection effect evaluation test		
Items of Analysis	Purification Effect of Airborne Virus Aerosol (<i>Influenza A virus A/PR8/34 H1N1</i>)		
Remarks	——		

To be continued

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Test Method for Purification Effect of Airborne Virus Aerosols

1. Test Equipment
 - 1) Strain: *Influenza A virus* A/PR8/34 H1N1
 - 2) Cells: MDCK
2. Test Conditions
 - 1) Environment temperature: (23~25) °C
 - 2) Environment relative humidity: (50~60) %
 - 3) Test time: 60min
 - 4) The volume of the test chamber: 30 m³
 - 5) Machine setting: "The highest gear".

Test Results

Number of Sample	Virus	Test Number	Control Group			Test Group		
			0 min (TCID ₅₀ /m ³)	60 min (TCID ₅₀ /m ³)	Natural Decay Rate (%)	0 min (TCID ₅₀ /m ³)	60 min (TCID ₅₀ /m ³)	Purification Rate (%)
KY20200107-1	A/PR8/34 (H1N1)	1	3.42×10 ⁶	5.06×10 ⁵	85.20	5.06×10 ⁵	/	≥99.99
		2	3.42×10 ⁶	5.55×10 ⁵	83.77	5.06×10 ⁵	/	≥99.99
		3	1.60×10 ⁶	3.42×10 ⁵	78.63	1.60×10 ⁵	/	≥99.99

*** End of report***

Editor

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Date Reported



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