

广州市微生物研究所

GUANG ZHOU INSTITUTE OF MICROBIOLOGY

检测报告

TEST REPORT



Report Number

KY20190102

Name of Sample

FCU Air Purifier

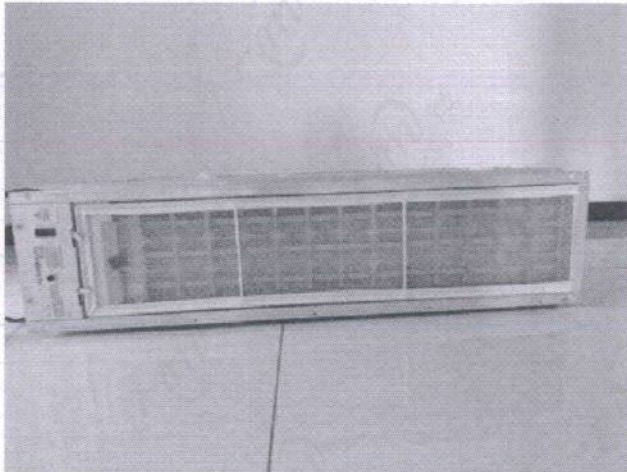
Applicant

AirQuality Technology (Shanghai)
Co., Ltd.

GUANG ZHOU INSTITUTE OF MICROBIOLOGY
TEST REPORT

Date Received: Sep. 26, 2019

Date Analyzed: Oct. 15, 2019

Name of Sample	FCU Air Purifier	Source of Sample	Delivery
Applicant	AirQuality Technology (Shanghai) Co., Ltd.	Client	Cai Kui
Manufacturer	——	Brand	——
Type and Specification	FFC	Quantity of Sample	IPC
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

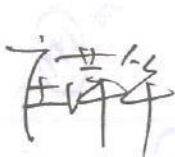
1. Test Equipment
 - 1) Strain: *Influenza A virus* A/PR8/34 H1N1
 - 2) Cells: MDCK
2. Test Conditions
 - 1) Environment temperature: (23~25) °C
 - 2) Environment relative humidity: (50~60) %
 - 3) Test time: 60min
 - 4) The volume of the test chamber: 30 m³
 - 5) Machine setting: "The highest gear".

Test Results

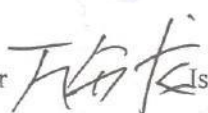
Number of Sample	Virus	Test Number	Control Group			Test Group		
			0 min (TCID ₅₀ /m ³)	60 min (TCID ₅₀ /m ³)	Natural Decay Rate (%)	0 min (TCID ₅₀ /m ³)	60 min (TCID ₅₀ /m ³)	Purification Rate (%)
KY20190102-1	A/PR8/34 (H1N1)	1	9.46×10 ⁵	1.60×10 ⁵	83.40	7.48×10 ⁵	1.60×10 ³	98.71
		2	5.06×10 ⁵	7.49×10 ⁴	85.22	5.06×10 ⁵	1.60×10 ³	97.86
		3	3.42×10 ⁵	5.06×10 ⁴	85.20	3.42×10 ⁵	1.60×10 ³	96.84

*** End of report***

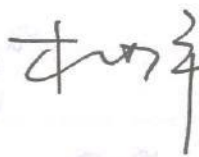
Editor



Checker



Issuer



Date Reported



Statements

1. The report would be invalid under the following conditions: altered, added, deleted, copied, without the special seal for inspection or signatures by approver.
2. For the received sample, the sample information in the report is claimed by the applicant, the inspection unit is not responsible for its authenticity. The report is responsibility for the received sample only.
3. If there is any objection to the inspection report, it should be presented to the inspection unit within 15 working days from the issuance date, otherwise the report shall be deemed as having been accepted. Microbiological item is not subjected to retest.
4. The report and the name of the inspection unit shall not be used for product labels, advertisements, awards and merchandise publicity.。
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6. The test data and results of items which are not accredited by CMA, only used as scientific research, teaching or internal quality control.
7. Any ambiguity by the language which used in the report, the Chinese shall prevail.

Contact Address, NO.1Jiantashan Road, Huangpu District, Guangzhou City, Guangdong Province

Test Address, (only fill in when it's different from the contact address)

Postal Code, 510663

Tel., (8620)61302671

URL, <http://www.ggtest.com.cn>