

广州市微生物研究所有限公司

Guangzhou Institute of Microbiology Co., Ltd.

# 检测报告

## TEST REPORT

Report Number

QGKY20220550

Name of Sample

Plasma 2×2 Flat panel

Applicant

ETI Solid State Lighting (Zhuhai) Ltd




## GUANGZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

## TEST REPORT

Date Received: Jun. 10, 2022

Date Analyzed: Jun. 20, 2022

Name of Sample	Plasma 2×2 Flat panel	Test Type	Commissioned
Applicant	ETI Solid State Lighting (Zhuhai) Ltd	Sample Source	Delivery
Manufacturer	ETI Solid State Lighting (Zhuhai) Ltd	Type and Specification	558101110
State of Sample	Machine	Batch Number	---
Packing of Sample	---	Date of Production	---
Quantity of Sample	2 PCs	Brand	ETI, Silentaire, Cleanaire, Cleanaire Pro, NVC, Blue Halo
Photo of Sample			
Standard and Methods	Refer to <Technical Standard For Disinfection> 2002-2.1.3 Air disinfection effect appraisal test		
Items of Analysis	Virus killing Test ( <i>Influenza A virus A/PR/8/34 H1N1</i> )		
Remarks	<p>1. Serial model number: 558101120</p> <p>2. Model difference: the client claimed that the model 558101120 and the test model 558101110 have the same power, sensor, material components, internal structure, except for the model number.</p> <p>3. During the test, two machines were placed in a 20m<sup>3</sup> test chamber at the same time and hung on an insulated shelf, with the air outlet facing downward and 2.0m away from the test chamber bottom. A fan with an air volume of 100m<sup>3</sup>/h was added in the central position to stir.</p> <p>4. Test voltage:120V, Test frequency: 60Hz.</p> <p>5. Data for this report are provided by Guangdong Huawei Testing Co., LTD.</p>		

\*\*\* To be continue\*\*\*



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## Test Results

Test results							
The test conditions	1. Temperature: (20~25)°C, Humidity: (50~70) % 2. Test Time: 120 min 3. Test Volume: 20 m <sup>3</sup> 4. Test Gear: "The second gear high-speed", "Sterilization mode"						
The Test Virus and Host	Test Number	Control Group Virus Titer		Natural Decay Rate (%)	Test Group Virus Titer		Virus Killing Rate (%)
<i>Influenza A virus</i> (A/PR/8/34 H1N1) Host:MDCK		The Initial Concentration (TCID <sub>50</sub> /m <sup>3</sup> )	The final Concentration (TCID <sub>50</sub> /m <sup>3</sup> )		The Initial Concentration (TCID <sub>50</sub> /m <sup>3</sup> )	The Final Concentration (TCID <sub>50</sub> /m <sup>3</sup> )	
	1	5.43×10 <sup>6</sup>	5.70×10 <sup>5</sup>	89.50	5.43×10 <sup>6</sup>	/	> 99.99
	2	7.23×10 <sup>6</sup>	6.32×10 <sup>5</sup>	91.26	4.89×10 <sup>6</sup>	/	> 99.99
	3	5.62×10 <sup>6</sup>	7.48×10 <sup>5</sup>	86.69	3.02×10 <sup>6</sup>	/	> 99.99

Note: "/" represents not checked, The control cells grew normally.

\*\*\* End of report\*\*\*

Editor

李丽娟

Checker

印瑞华

Issuer

陈永平

Date Reported

2022.7.8





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