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Gmicro Testing

# GUANGDONG DETECTION CENTER OF MICROBIOLOGY

## REPORT FOR ANALYSIS

**Report №.**

2020SP8365R01E

**Name of Sample**

Air sterilizer AP-40

**Applicant**

ETS Products Philippines Inc

**Test Type**

Entrustment Test



**Address:** Building 66, No.100 Central Xian Lie Road, Guangzhou, China

**Postcode:** 510070

**Tel:** +86 20 87137666

**Fax :** +86 20 87137668

**Website :** www.gddcm.com




**GUANGDONG DETECTION CENTER OF MICROBIOLOGY**

**REPORT FOR ANALYSIS**



Report №.: 2020SP8365R01E Verification Code: 56207148

Name of Sample	Air sterilizer AP-40	Test Type	Entrustment Test
Applicant	ETS Products Philippines Inc	Address	Berthaphil iV, 2C 2000 Clark Freeport Zone Civil Aviation Complex Philippines
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One
Spec and Lot № of Sample	AP-40 Lot number: 90142007230006 Specification: 220V 50HZ	State and Characteristic	White machine
Sample Received Date	2020-08-05	Test Completion Date	2020-08-27
Test Standard and Method	Refer to GB 21551.3-2010 Appendix A		
Item Tested	Air virus removal effect identification test		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	<p>Issue Date: 2020-09-04 (Official Seal)</p> 		

**Editor:** Chen Jingxun

**Verifier:** Liang Daqing

**Approver:** Li Liangqiu



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

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- 1. Test space: 30 m<sup>3</sup> Test cabinet
- 2. Action time: 2h (Sample volume is 2mL)
- 3. Test results:

Test virus & host cell	Test number	Air virus content (TCID <sub>50</sub> /m <sup>3</sup> )		Removal rate (%)
		Before test	After the test	
Influenza A virus H1N1 host cell: MDCK cells	1	2.44×10 <sup>6</sup>	4.88×10 <sup>3</sup>	99.38
	2	2.44×10 <sup>6</sup>	4.06×10 <sup>3</sup>	99.46
	3	4.06×10 <sup>6</sup>	6.00×10 <sup>3</sup>	99.45
Influenza A virus H3N2 host cell: MDCK cells	1	1.94×10 <sup>6</sup>	4.06×10 <sup>3</sup>	99.26
	2	1.58×10 <sup>6</sup>	4.88×10 <sup>3</sup>	99.00
	3	1.73×10 <sup>6</sup>	3.08×10 <sup>3</sup>	99.45

Note :The result of bactericidal rate test has eliminated the effect of microbial natural decay in air.  
Cell control: Normal growth.

Photo of the sample:



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分析  
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