



广微测  
Gmicro Testing



201819000883



中国认可  
国际互认  
检测  
TESTING  
CNAS L1747

## GUANGDONG DETECTION CENTER OF MICROBIOLOGY

### REPORT FOR ANALYSIS

**Report №.**

2020FM33834R01E

**Name of Sample**

Handheld UVC sterilizer

**Applicant**

Rainbow Ark Co.Ltd.

**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



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## REPORT FOR ANALYSIS



Report №.:2020FM33834R01E Verification Code: 58947362

Name of Sample	Handheld UVC sterilizer	Test Type	Entrustment Test
Applicant	Rainbow Ark Co.Ltd.	Address	Omiya-ku sakuragityou2-325-203,Saitama city,Saitama,Janpan
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot № of Sample	_____	State and Characteristic	Machine
Sample Received Date	2020-12-14	Test Completion Date	2020-12-24
Test Standard and Method	Technical Standard for Disinfection (2002 Ministry of Health P.R.China)- 2.1.5.4		
Item Tested	Validation of disinfection efficacy of sterilization and disinfection instruments		
Test Conclusion	<p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p>Issue Date: 2020-12-30 (Official Seal)</p>		
Remarks			

Editor:

Qiuwanchun

Verifier:

Li Guojun

Approver:

Xie Xiaobao



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ANALYSIS AND TEST RESULT

Report No.: 2020FM33834R01E

1. Sample pretreatment: Took the glass as the carrier, the bacterial carrier was placed 10mm away from the UV lamp during the test, and acted for 10s.

2. Test Result:

Test germ	Test group	Average Number of positive controls (cfu/PCS)	Average Number of testing groups (cfu/PCS)	Killing rate (%)	Sterilization logarithm
<i>Escherichia coli</i> 8099	1	$1.6 \times 10^6$	$1.5 \times 10^4$	99.06	2.03
	2	$1.5 \times 10^6$	$1.4 \times 10^4$	99.07	2.02
	3	$1.4 \times 10^6$	$1.3 \times 10^4$	99.07	2.04
<i>Staphylococcus aureus</i> ATCC 6538	1	$1.9 \times 10^6$	$1.2 \times 10^4$	99.37	2.20
	2	$1.8 \times 10^6$	$1.1 \times 10^4$	99.39	2.22
	3	$2.0 \times 10^6$	$1.3 \times 10^4$	99.35	2.19

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## Notice Items

1. The Test report is invalid if not affixed with Authorized Stamp of Test and Paging Seal.
2. The Test report is invalid without signature of verifier and approver.
3. The Test report is invalid if being supplemented, deleted or altered.
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7. For the tested sample(s) submitted by the applicant, the sample information in the test report is provided by the applicant and the laboratory is not responsible for its authenticity.