



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 №.

2019SP4682R01E

Name of Sample

Portable UV sterilizer

Applicant

Alpha Industrial (Dongguan) Co., Ltd.

Test Type

Entrustment Test



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Postcode: 510070

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## REPORT FOR ANALYSIS



Report No.: 2019SP4682R01E Verification Code: 07562849

Name of Sample	Portable UV sterilizer	Test Type	Entrustment Test
Applicant	Alpha Industrial (Dongguan) Co., Ltd.	Address	C Block, No 118, Xiwang industrial area, Xiwang Road, Tiantangwei village, Fenggang, Dongguan, Guangdong
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	Two
Spec and Lot No of Sample	D01BFG001	State and Characteristic	Machine
Sample Received Date	2019-07-03	Test Completion Date	2019-07-09
Test Standard and Method	Technical Standard for Disinfection (Ministry of Health, Edition 2002), section 2-2.1.5.4		
Item Tested	Sterilization and disinfection equipment disinfection efficacy test: UV lamp		
Test Conclusion	<p>The test data of the sample(s) is attached to the page(s) of this report.</p> <p>Issue Date: 2019-03-20 (Official Seal)</p>		
Remarks	Manufacturer: Alpha Industrial (Dongguan) Co., Ltd. (Provided by the applicant)		

Editor: Chen Jingxun

Verifier: Liang Daqing

Approver: Guo Weipeng





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### ANALYSIS AND TEST RESULT

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1. Action Time: 20s

2. Action distance: 1cm from the light.

3. Results:

Test organisms	Test group	Average cfu of testing groups (cfu/piece)	Average cfu of positive controls (cfu/piece)	Sterilization logarithm (KL)	Sterilization rate (%)
<i>Escherichia coli</i> 8099	1	65	$1.9 \times 10^6$	99.99	4.45
	2	50	$1.8 \times 10^6$	99.99	4.56
	3	40	$1.8 \times 10^6$	99.99	4.66
	Average		$1.8 \times 10^6$	99.99	4.56
<i>Staphylococcus aureus</i> ATCC 6538	1	$1.2 \times 10^2$	$2.2 \times 10^6$	99.99	4.25
	2	85	$2.1 \times 10^6$	99.99	4.40
	3	$1.1 \times 10^2$	$2.2 \times 10^6$	99.99	4.29
	Average		$2.2 \times 10^6$	99.99	4.31

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2. The Test report is invalid without signature of verifier and approver.
3. The Test report is invalid if being supplemented, deleted or altered.
4. Without prior written permission, the report cannot be reproduced, except in full.
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