



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 №.

2020FM13749R01E

Name of Sample

LED Handheld UV Lamp

Applicant

Shenzhen Pengyuan High-tech co.,Ltd.

Test Type

Entrustment Test



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

Postcode: 510070

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Website : www.gddcm.com



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REPORT FOR ANALYSIS



Report No.: 2020FM13749R01E Verification Code: 52706438

Name of Sample	LED Handheld UV Lamp	Test Type	Entrustment Test
Applicant	Shenzhen Pengyuan High-tech co.,Ltd.	Address	Block B, 7th floor, Building C4, Jute Cloth Third Industrial Zone, Jute Cloth Community, Hangcheng street, Baoan District, Shenzhen City, Guangdong, China
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One Sample Submitted
Spec and Lot No of Sample	PY-100; 20200501	State and Characteristic	Machine
Sample Received Date	2020-05-13	Test Completion Date	2020-05-25
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: 2020-06-06 (Official Seal)</p>		
Remarks	Manufacturer: Shenzhen Pengyuan High-tech co.,Ltd. (provided by the applicant)		

Editor:

Chen Yingting

Verifier:

San Jiao

Approver:

Xie Xiaobao



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ANALYSIS AND TEST RESULT

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1. Sample pretreatment: Glass was used as the carrier of microbial sheet. The microbial sheet was placed 3cm away from the lamp during the test. Treatment time was 30s.

2. Test Result:

Test Organisms	Test groups	Average number of positive controls (cfu/PCS)	Average number of testing groups (cfu/PCS)	Killing rate (%)	Sterilization logarithm
<i>Escherichia coli</i> 8099	1	1.2×10^6	4.5×10^2	99.96	3.43
	2	1.1×10^6	4.2×10^2	99.96	3.43
	3	1.3×10^6	4.8×10^2	99.96	3.43
<i>Staphylococcus aureus</i> ATCC 6538	1	4.0×10^6	2.5×10^3	99.94	3.20
	2	3.7×10^6	2.6×10^3	99.93	3.15
	3	4.2×10^6	2.7×10^3	99.94	3.19
<i>Candida albicans</i> ATCC 10231	1	1.9×10^6	5.4×10^2	99.97	3.55
	2	1.6×10^6	5.0×10^2	99.97	3.50
	3	1.7×10^6	5.5×10^2	99.97	3.49

Photo of the sample:



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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.
4. Without prior written permission, the report cannot be reproduced, except in full.
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6. Any dispute of the report must be raised to the testing body within 15 days after the report is received, exceeding which the dispute will not be accepted.
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.

