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Gmicro Testing



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CNAS L1747

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №. 2020FM15658R01E

Name of Sample LED UVC Germicidal lamp

Applicant Shenzhen Ledyi Lighting Co., Ltd.

Test Type Entru tment Test



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS



Report No.:2020FM15658R01E Verification Code: 38247916

Name of Sample	LED UVC Germicidal lamp	Test Type	Entrustment Test
Applicant	Shenzhen Ledyi Lighting Co., Ltd.	Address	3th Floor, 2nd Building, HuiYe Industrial Park, Tangtou Road Central, Shiyao Street, Bao'an District, Shenzhen, China
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	1PCS
Spec and Lot No of Sample	—	State and Characteristic	Strip
Sample Received Date	2020-05-28	Completion Date	2020-06-08
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	The test data of the sample(s) is attached to the page(s) of this report.		
Remarks	<p style="text-align: right;">Issue Date: 2020-06-17 (Official Seal)</p> 		

Editor: *Qiunanchun*

Verifier: *Sun Jiasu*

Approver: *Xie Xiaobao*

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ANALYSIS AND TEST RESULT

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1. Sample pretreatment: The glass was used as the carrier of the microbial sheet and placed 20cm under the lamp for 15minutes.

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	1.5×10 ⁶	9.6×10 ²	99.94	3.19
	2	1.6×10 ⁶	9.2×10 ²	99.94	3.24
	3	1.4×10 ⁶	9.7×10 ²	99.93	3.16
<i>Staphylococcus aureus</i> ATCC 6538	1	1.3×10 ⁶	9.9×10 ²	99.92	3.11
	2	1.4×10 ⁶	9.5×10 ²	99.93	3.17
	3	1.3×10 ⁶	9.5×10 ²	99.93	3.13
<i>Candida albicans</i> ATCC 10231	1	1.0×10 ⁶	1.0×10 ³	99.90	3.00
	2	1.1×10 ⁶	9.5×10 ²	99.91	3.06
	3	1.0×10 ⁶	9.6×10 ²	99.90	3.02

Sample Picture



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Notice Items

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