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Gmicro Testing



201819000883



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GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2019SP7114R01E

Name of Sample

59S™ UVC LED Sterilizing Box (SZH40-T5)

Applicant

SHENZHEN UVLED OPTICAL TECHNOLOGY CO., LTD.

Test Type

Entrustment Test



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

Postcode: 510070

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REPORT FOR ANALYSIS



Report No.: 2019SP7114R01E Verification Code: 15280697

Name of Sample	59S™ UVC LED Sterilizing Box (SZH40-T5)	Test Type	Entrustment Test
Applicant	SHENZHEN UVLED OPTICAL TECHNOLOGY CO., LTD.	Address	Room 301, FL 3, Phase 1, Bangkai Science and Technology Park, West of Bangkai Road & South of Guangming Road, Guangming Hi-Tech Industrial Zone, Tangjia Community, Phoenix Street Admin, Guangming District, Shenzhen
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	One
Spec and Lot No of Sample	59S™ SZH40-T5	State and Characteristic	Machine
Sample Received Date	2019-09-24	Test Completion Date	2019-10-11
Test Standard and Method	Technical Standard for Disinfection(Ministry of Health, Edition 2002), section 2-2.1.5.5		
Item Tested	Sterilization and disinfection equipment disinfection efficacy test: Ultraviolet disinfection box		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report. Issue Date: 2019-10-21 (Official Seal)		
Remarks	Manufacturer: Shenzhen UV Guard Technology Co., LTD. (Provided by the applicant)		

Editor:

Li Yuecong

Verifier:

Liang Daqing

Approver:

Gao Weipeng



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2019SP7114R01E

1. Action position: Inside the sample (7.2cm under UV light).

2. Results:

Test germ	Action time	Test group	Average cfu of testing groups (cfu/ piece)	Average cfu of positive controls (cfu/ piece)	Sterilization rate (%)	Sterilization logarithm (KL)
<i>Escherichia coli</i> 8099	3min	1	<5	2.1×10^6	>99.99	>5.63
		2	<5	2.2×10^6	>99.99	>5.63
		3	<5	2.1×10^6	>99.99	>5.63
		Average		2.1×10^6	>99.99	>5.63
	5min	1	<5	2.1×10^6	>99.99	>5.63
		2	<5	2.2×10^6	>99.99	>5.63
		3	<5	2.1×10^6	>99.99	>5.63
		Average		2.1×10^6	>99.99	>5.63
<i>Staphylococcus aureus</i> ATCC 6538	3min	1	1.1×10^2	3.2×10^6	99.99	4.46
		2	95	3.1×10^6	99.99	4.52
		3	95	3.1×10^6	99.99	4.52
		Average		3.1×10^6	99.99	4.50
	5min	1	<5	3.2×10^6	>99.99	>5.80
		2	<5	3.1×10^6	>99.99	>5.80
		3	<5	3.1×10^6	>99.99	>5.80
		Average		3.1×10^6	>99.99	>5.80
<i>P. aeruginosa</i> ATCC 15442	3min	1	15	1.7×10^6	99.99	5.06
		2	15	1.8×10^6	99.99	5.06
		3	20	1.7×10^6	99.99	4.94
		Average		1.7×10^6	99.99	5.02
	5min	1	<5	1.7×10^6	>99.99	>5.54
		2	<5	1.8×10^6	>99.99	>5.54
		3	<5	1.7×10^6	>99.99	>5.54
		Average		1.7×10^6	>99.99	>5.54
<i>Candida albicans</i> ATCC 10231	3min	1	35	7.0×10^5	99.99	4.32
		2	45	7.0×10^5	99.99	4.21
		3	30	7.5×10^5	99.99	4.38
		Average		7.2×10^5	99.99	4.30
	5min	1	<5	7.0×10^5	>99.99	>5.16
		2	<5	7.0×10^5	>99.99	>5.16
		3	<5	7.5×10^5	>99.99	>5.16
		Average		7.2×10^5	>99.99	>5.16

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ANALYSIS AND TEST RESULT

Report No.: 2019SP7114R01E

(Continued)

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.
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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.

