



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 №.

2019SP7114R01E

Name of Sample

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

Applicant

SHENZHEN UVLED OPTICAL TECHNOLOGY CO., LTD.

Test Type

Entrustment Test



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REPORT FOR ANALYSIS



Report №.: 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 Guangang 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 № 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. | | |
| Remarks | Manufacturer: Shenzhen UV Guard Technology Co., LTD. (Provided by the applicant) | | |

Issue Date: 2019-10-21

(Official Seal)



Editor:

Li Yuecong

Verifier:

Liang Daqing

Approver:

Guo 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 |
| | 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 |
| <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 |
| | 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 |
| <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 |
| | 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 |
| <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 |
| | 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 |

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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.
4. Without prior written permission, the report cannot be reproduced, except in full.
5. Unless otherwise stated, the results shown in this test report refer only to the sample(s) submitted.
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.

