

Test Report**GZF20-003402-01****Date: 9 Apr 2020**

Client Name: Shenzhen UVLED Optical Technology Co., Ltd
Client Address: Room 301, FL 3, Phase 1, Bangkai Science and Technology Park, West of Bangkai Road & South of Guanguang Road, Guangming Hi-Tech Industrial Zone, Tangjia Community, Phoenix Street Admin, Guangming District, Shenzhen
Sample Name: 59S™ UVC LED Bag Style Sterilizer(SZD24-P55Y)
Sample Batch No.: /
Production Date: /
Manufacturer: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS reference No.: /
Date of sample received: 16 Mar 2020
Testing period: 16 Mar 2020 - 08 Apr 2020
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to next page(s).
Test Result(s): Please refer to next page(s).

**This test report has been drafted in English and maybe translated into other languages, The English version shall prevail.
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SGS Authorized Signature

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Page 1 of 3

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Test Report

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Date: 9 Apr 2020

Sample Description:

Specimen No.	SGS Sample ID	Description
1	GZF20-003402.001	Equipment

Test result(s):

Sterilization efficacy evaluation

Test Method: *Technical standard for disinfection (2002)* Ministry of health of the people's republic of China, 2.1.5.5

Test Organism(s): *Staphylococcus aureus* ATCC 6538, *Escherichia coli* 8099, *Candida albicans* ATCC 10231, *Pseudomonas aeruginosa* ATCC 15442

Test organism	Concentration of bacteria (cfu/mL)	Test time	Positive control A (cfu/piece)	Treated sample B (cfu/piece)	Killing log value	Killing rate (%)
<i>Staphylococcus aureus</i> ATCC 6538	2.2×10 ⁸	3 min	2.2×10 ⁶	3.5×10 ¹	4.80	> 99.99
	2.2×10 ⁸	3 min	2.2×10 ⁶	4.3×10 ¹	4.71	> 99.99
	2.2×10 ⁸	3 min	2.0×10 ⁶	4.8×10 ¹	4.62	> 99.99
<i>Escherichia coli</i> 8099	1.8×10 ⁸	3 min	1.7×10 ⁶	5.5×10 ²	3.49	99.97
	1.8×10 ⁸	3 min	1.7×10 ⁶	5.3×10 ²	3.51	99.97
	1.8×10 ⁸	3 min	1.8×10 ⁶	5.0×10 ²	3.56	99.97
<i>Candida albicans</i> ATCC 10231	1.5×10 ⁸	3 min	7.5×10 ⁵	4.4×10 ¹	4.24	> 99.99
	1.5×10 ⁸	3 min	7.5×10 ⁵	3.8×10 ¹	4.30	> 99.99
	1.5×10 ⁸	3 min	7.5×10 ⁵	3.3×10 ¹	4.36	> 99.99
<i>Pseudomonas aeruginosa</i> ATCC 15442	1.5×10 ⁸	3 min	7.5×10 ⁵	1.0×10 ¹	4.88	> 99.99
	1.6×10 ⁸	3 min	7.5×10 ⁵	9.3×10 ⁰	4.91	> 99.99
	1.6×10 ⁸	3 min	7.5×10 ⁵	1.4×10 ¹	4.73	> 99.99

Remark:

- 1.Killing rate= ((A-B)/A)*100%.
- 2.The test distance was 11 cm (from the medial position of the shelf to the UV light).
- 3.The sterilization is carried out in accordance with the instruction of product.



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Sample photo:



GZF20-003402.001

SGS authenticate the photo on original report only

*** End ***

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Page 3 of 3



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