



Test Report

NBF20-002194-04

Date: 22 Apr 2020

Client Name: AEC Lighting Solutions Co., Ltd.
Client Address: 2548 Baoan Road, Jiading District Shanghai, China

Sample Name: Intelligent UV & Ozone sterilization bar (UVP201R/ UVP202R/ UVP203R)
Manufacturer: AEC Lighting Solutions Co., Ltd.
Sample Batch No.: /
Production Date: /

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.

Date of Sample Received: 09 Apr 2020
Testing Period: 09 Apr 2020 - 22 Apr 2020
Test Requested: Selected test(s) as requested by client.
Test Method: Please refer to the next page(s)
Test Result(s): Please refer to the next page(s)

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SGS Authorized Signature

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Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF20-002194.004	Intelligent UV & Ozone sterilization bar (UVP201R/ UVP202R/ UVP203R)

TEST REQUESTED:

Selected test(s) as requested by applicant: Put the sterilization bar in the box, turn on the ozone disinfection function for 60 minutes, and then test the Escherichia coli, Staphylococcus aureus and Pseudomonas aeruginosa on the slide.

TEST STRAIN(S):

Escherichia coli CICC 10389
Staphylococcus aureus ATCC 6538
Pseudomonas aeruginosa ATCC 9027

Test Method: Escherichia coli, Staphylococcus aureus and Pseudomonas aeruginosa removal rate: Customer provided method& GB/T 5750.12- Standard examination methods for drinking water — Microbiological parameters

Test Result(s):

Escherichia coli test result:

Test organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Escherichia coli	CFU/pc	1	2.3×10 ⁵	1.2×10 ⁴	94.78
		2		1.3×10 ⁴	94.35
		3		1.0×10 ⁴	95.65

Staphylococcus aureus test result:

Test organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Staphylococcus aureus	CFU/pc	1	9.4×10 ⁵	9.0×10 ⁴	90.43
		2		8.2×10 ⁴	91.28
		3		8.4×10 ⁴	91.06



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Pseudomonas aeruginosa test result:

Test organisms	Unit	Test repeat time(s)	Test Result(s)		Removal rate (s)* (%)
			Control group	Sample group	
Pseudomonas aeruginosa	CFU/pc	1	3.5×10 ⁵	1.2×10 ⁴	96.57
		2		1.5×10 ⁴	95.71
		3		1.8×10 ⁴	94.86

Remark: Removal rate (%) = (result of Control group – result of Sample group) / result of Control group × 100%

Sample photo:



NBF20-002194.004

SGS authenticate the photo on original report only

*** End ***



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