

Test Report

NBF25-0000920-05

Date: 2025-02-27

Client Name: HK EOG Health Technologies Co., Limited

Client Address: Rm.1801, Easey Comm. Bldg., 253-261 Hennessy Road, WanChai, Hong Kong

Sample Name: Electrolytic Ozone Purifier

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.

Date of Sample Received: 2025-01-13

Testing Period: 2025-01-13 ~ 2025-02-27

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).



SGS Approved Signatory

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Date: 2025-02-27

Sample Description:

Sample No.	SGS Sample ID	Description
1	NBF25-0000920-0001	Electrolytic Ozone Purifier, Quantity: 2 sets

Test Requested:

Selected test(s) as requested by applicant:

Place the sample in 500mL of tap water and work continuously for 5 minutes. Then take water sample for testing.

Test Strain(s):

Pseudomonas aeruginosa ATCC 15442

Test Method:

Neutralizer identification: QB/T 2738-2023 Test methods for evaluating daily chemical products in antibacterial and bacteriostatic efficacy 7.2.3 Test Method for Neutralizer Identification

Sterilization rate: QB/T 2738-2023 Test methods for evaluating daily chemical products in antibacterial and bacteriostatic efficacy 7.2 Test method for bactericidal efficacy of antibacterial daily chemical products (suspension quantitative method)

Test Result(s):

Table 1. Neutralizer Identification testing

Test Strain: *Pseudomonas aeruginosa* ATCC 15442

	1st	2nd	3rd
Group 1. 5.0mL Neutralizer + Bacterial solution→Culture (CFU/mL)	1.2×10^4	1.3×10^4	1.5×10^4
Group 2. (0.5mL Fungicide +4.5mL Neutralizer) + Bacterial solution→Culture (CFU/mL)	1.1×10^4	1.2×10^4	1.4×10^4
Group 3. 5.0mL Diluent + Bacterial solution→Culture (CFU/mL)	1.3×10^4	1.5×10^4	1.5×10^4
Group 4. Diluent + Neutralizer + culture medium→Culture	Aseptic growth	Aseptic growth	Aseptic growth
Error rate between groups 1, 2 and 3 (%)	6	8	3
Neutralizer evaluation results	Qualified		
Conclusion of Neutralizer Identification Test	Compliant. Can undergo sterilization testing		

Table 2. Sterilization effect testing

Test Strain: *Pseudomonas aeruginosa* ATCC 15442

	1st	2nd	3rd
Control group (CFU/mL)	1.4×10^4	1.5×10^4	1.6×10^4
Sample group (CFU/mL)	<10	<10	<10
*Sterilization rate(s) %	>99.93	>99.93	>99.94
Arithmetic mean value of Sterilization rate(s) %	>99.93		
#Conclusion of antibacterial efficacy	Conform, the product has antibacterial efficacy		

Remark:

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1. * Sterilization rate (%) = (test result of Control group – test result of Sample group) / test result of Control group × 100%
2. Neutralizer formula: D/E broth
3. Sample effect time: 1min
4. #Conclusion of antibacterial efficacy: According to QB/T 2738-2023 Test methods for evaluating daily chemical products in antibacterial and bacteriostatic efficacy 7.2.7 Evaluation criterion of antibacterial daily chemical products' antibacterial efficacy: when Sterilization rate $\geq 90\%$, the product has antibacterial efficacy.

Sample photo:



NBF25-0000920-0001

SGS authenticate the photo on original report only

Attention:

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