

## Test Report

NBF25-0000920-01

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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Verification:  
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No. 1177 Lingyun Road, Ningbo Hi-Tech Zone, Ningbo, China 315040  
中国·浙江·宁波高新区凌云路1177号 邮编: 315040

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t 400 - 691 - 0488 sgs.china@sgs.com

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### 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):

*Escherichia coli* 8099

### 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: *Escherichia coli* 8099

|                                                                                     | 1st                                          | 2nd                 | 3rd                 |
|-------------------------------------------------------------------------------------|----------------------------------------------|---------------------|---------------------|
| Group 1. 5.0mL Neutralizer + Bacterial solution→Culture (CFU/mL)                    | 1.1×10 <sup>4</sup>                          | 1.2×10 <sup>4</sup> | 1.4×10 <sup>4</sup> |
| Group 2. (0.5mL Fungicide +4.5mL Neutralizer) + Bacterial solution→Culture (CFU/mL) | 1.0×10 <sup>4</sup>                          | 1.1×10 <sup>4</sup> | 1.3×10 <sup>4</sup> |
| Group 3. 5.0mL Diluent + Bacterial solution→Culture (CFU/mL)                        | 1.2×10 <sup>4</sup>                          | 1.3×10 <sup>4</sup> | 1.5×10 <sup>4</sup> |
| Group 4. Diluent + Neutralizer + culture medium→Culture                             | Aseptic growth                               | Aseptic growth      | Aseptic growth      |
| Error rate between groups 1, 2 and 3 (%)                                            | 6                                            | 6                   | 5                   |
| Neutralizer evaluation results                                                      | Qualified                                    |                     |                     |
| Conclusion of Neutralizer Identification Test                                       | Compliant. Can undergo sterilization testing |                     |                     |

Table 2. Sterilization effect testing Test Strain: *Escherichia coli* 8099

|                                                  | 1st                                             | 2nd                 | 3rd                 |
|--------------------------------------------------|-------------------------------------------------|---------------------|---------------------|
| Control group (CFU/mL)                           | 1.9×10 <sup>4</sup>                             | 2.0×10 <sup>4</sup> | 2.1×10 <sup>4</sup> |
| Sample group (CFU/mL)                            | <10                                             | <10                 | <10                 |
| *Sterilization rate(s) %                         | >99.95                                          | >99.95              | >99.95              |
| Arithmetic mean value of Sterilization rate(s) % | >99.95                                          |                     |                     |
| #Conclusion of antibacterial efficacy            | Conform, the product has antibacterial efficacy |                     |                     |

Remark:

1. \* Sterilization rate (%) = (test result of Control group – test result of Sample group) / test result of Control group×100%

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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:



SGS authenticate the photo on original report only

### Attention:

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Within the territory of the People's Republic of China, this test report shall only be used for scientific research, technical research and development, teaching, and internal quality control.

\*\*\* End\*\*\*



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