

## TEST REPORT

Applicant: SAVEWO LIMITED  
1/F  
266-270 TEXACO RD  
TSUEN WAN NT  
HK  
  
Attn: ZEN DING

Number: HKGH02870816

Date: Jul 14, 2022

Sample and Information provided by customer :  
Item Name : **FreshQ Portable Electrolytic Sterilizer – Disinfectant**  
**3g Salt/300ml water, Mode 2 (5 mins)**

\*\*\*\*\*

For and on behalf of :  
Intertek Testing Services HK Ltd.



Cindy I.K. Chan  
Vice President



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## TEST REPORT

Number : HKGH02870816

**Conclusion:**

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

| <u>Requirement</u>                       | <u>Result</u>        |
|--|----------------------|
| (1) BS EN 14476:2019 (with modification) | See details enclosed |

**Decision Rule(s):**

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>

If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



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## TEST REPORT

Number : HKGH02870816

(1) Quantitative suspension test for evaluation of virucidal activity of chemical disinfectants and antiseptics

|                               |   |
|-------------------------------|---|
| Reference standard :          | BS EN 14476:2019 (with modification)                |
| Dilution recommended for use: | No dilution   |
| Product test concentration:   | 80% (v/v)   |
| Active ingredient in product: | Hypochlorite  |
| Appearance:                   | Colorless liquid                                    |
| Contact time:                 | 10 seconds  |
| Test temperature:             | 23°C  |
| Interfering substance:        | 0.3 g/L bovine albumin (clean condition)            |
| Incubation:                   | 37°C/5% CO <sub>2</sub>                             |
| Viral culture:                | SARS-CoV-2 (hCoV-19/Czech Republic/NRL_6632_2/2020) |
| Concentration of inoculum:    | 10 <sup>6</sup> PFU/mL                              |



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## TEST REPORT

Number : HKGH02870816

Result :

| Test Organism   | Control Titre<br>PFU/mL | Sample Titre<br>PFU/mL | Log <sub>10</sub> Reduction<br>Criteria:<br>R ≥ 4.0 | % Reduction<br>Criteria:<br>R ≥ 99.99 | Assessment   |
|---|-------------------------|------------------------|---|---------------------------------------|--------------|
| SARS-CoV-2<br>(hCoV-19/Czech<br>Republic/NRL_6632_2/<br>2020) | 283,589                 | 0                      | >5.0  | >99.999                               | Satisfactory |

Criteria: According to BS EN 14476, in order to satisfy the requirement of virucidal efficacy of chemical disinfectants and antiseptics, the product shall demonstrate at least 4.0 log<sub>10</sub> reduction of the specified test organism.

Date sample received : Apr 29, 2022

Testing period : Apr 29, 2022 to Jul 07, 2022

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End of report

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## TEST REPORT

Applicant: SAVEWO LIMITED  
1/F  
266-270 TEXACO RD  
TSUEN WAN NT  
HK  
  
Attn: ZEN DING

Number: HKGH0285411901

Date: Apr 19, 2022

Sample and Information provided by customer :  
Item Name : **FreshQ Portable Electrolytic Sterilizer – Disinfectant  
3g Salt/300ml water, Mode 2 (5 mins)**

**Conclusion:**

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

| <u>Requirement</u>  | <u>Result</u>       |
|---|---------------------|
| (1) <u>Antibacterial Activity of Chemical Disinfectants and Antiseptics BS EN 1276:2019</u> | <u>Satisfactory</u> |

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For and on behalf of :  
Intertek Testing Services HK Ltd.



Cindy I.K. Chan  
Vice President



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# TEST REPORT

Number : HKGH0285411901

## (1) Quantitative suspension test for evaluation of bactericidal activity of chemical disinfectants and antiseptics

Test Standard : BS EN 1276:2019.

Dilution recommended for use: No dilution

Product test concentration: 80% (v/v)

Active ingredient in product: Hypochlorite

Appearance: Colorless liquid

Contact time: 10 seconds

Test temperature: 20°C

Interfering substance: 0.3 g/L bovine albumin (clean condition)

Inhibition method: Dilution-neutralization

Neutralizing solution: D/E neutralizing broth - double strength (sodium thioglycollate 2.0 g/L, sodium thiosulfate 12.0 g/L, sodium bisulfite 5.0 g/L, Polysorbate 80 10.0 g/L, lecithin 14.0 g/L)

Incubation: 37°C, 48 hours

Agar medium: Trypticase Soy Agar

Test culture: *Escherichia coli* (ATCC 10536)  
*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
*Enterococcus hirae* (ATCC 10541)

Controls &amp; validation :

| <u>Test microorganism</u>                  | <u>Validation suspension</u><br>(N <sub>v</sub> )<br><b>Criteria:</b><br><b>300 ≤ N<sub>v</sub> ≤ 1600</b> | <u>Method validation</u><br><b>Criteria:</b><br><b>≥ 0.05 N<sub>v</sub></b> | <u>Validity</u> |
|--|--|---|-----------------|
| <i>Escherichia coli</i> (ATCC 10536)       | 865  | 64  | Valid           |
| <i>Pseudomonas aeruginosa</i> (ATCC 15442) | 1460   | 126   | Valid           |
| <i>Staphylococcus aureus</i> (ATCC 6538)   | 1280   | 122   | Valid           |
| <i>Enterococcus hirae</i> (ATCC 10541)     | 815  | 92  | Valid           |

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## TEST REPORT

Number : HKGH0285411901

Result :

| Test microorganism                            | Initial suspension<br>(N)<br>No = (1/10N)<br>Criteria:<br>$1.5 \times 10^8 \leq N \leq 5 \times 10^8$ | Final count<br>(Na) | R (Log <sub>10</sub> Reduction)<br>= Log No - Log Na<br>Criteria:<br>R ≥ 5.0 | % Reduction<br>Criteria:<br>R ≥ 99.999 | Assessment   |
|---|---|---------------------|--|--|--------------|
| <i>Escherichia coli</i><br>(ATCC 10536)       | $3.4 \times 10^8$   | <140                | >5.3   | >99.999                                | Satisfactory |
| <i>Pseudomonas aeruginosa</i><br>(ATCC 15442) | $5.0 \times 10^8$   | <140                | >5.5   | >99.999                                | Satisfactory |
| <i>Staphylococcus aureus</i><br>(ATCC 6538)   | $4.6 \times 10^8$   | <140                | >5.5   | >99.999                                | Satisfactory |
| <i>Enterococcus hirae</i><br>(ATCC 10541)     | $3.4 \times 10^8$   | <140                | >5.3   | >99.999                                | Satisfactory |

Criteria: According to EN 1276, in order to satisfy the requirement of bactericidal efficacy of chemical disinfectants and antiseptics (for general purpose disinfection), the product shall demonstrate at least 5.0 log<sub>10</sub> reduction of the specified test organisms under the obligatory sample contact time, test temperature, and the simulated clean conditions according to its practical applications when the product is tested at its intended use dilution.

Date sample received : Mar 25, 2022

Testing period : Mar 28, 2022 to Apr 06, 2022

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End of report

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