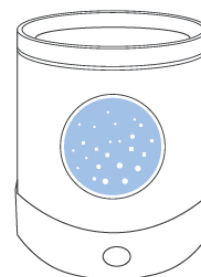


Hypochlorous Acid Biomimetic Sterilization Cup

Product Introduction

This product utilizes electrolysis technology with food ingredients to generate low-concentration hypochlorous acid (18-30 ppm). By mimicking the bactericidal mechanism of white blood cells (neutrophils), it effectively eliminates oral pathogens, inhibits dental caries, and alleviates periodontal diseases.

Special electrolyte consists of food materials (common salt and PBS) and the patent application number for electrolyte formula is No: 202410555233.1



Application Scenarios

1. Cleans the oral cavity, suppresses dental caries and plaque, and relieves periodontal conditions.
2. Soaks toothbrushes, orthodontic aligners, dentures, and other oral tools to neutralize odors.

Specification parameters

product mode	QS-MW--33.
working voltage	9-12V
maximum power	12W
working volume	250ml
electrolysis time	90 seconds
hypochlorous acid concentration	15-25 ppm
PH	6-6.8

Usage instructions.

- (1) Add a small packet of special electrolyte and water or purified water for approximately 250ml;
- (2) Press the power switch; the blue indicator light turns on, and the device automatically stops after approximately 90 seconds of operation. The mouthwash solution is now ready.
- (3) If the blue indicator light starts flashing, it indicates that the battery is low, and a timely charge is required. The charger can be a regular phone charger; when fully charged, the red indicator light turns green.

Product Features

- (1) Mimics white blood cell bactericidal mechanism: generates hypochlorous acid (HOCl)—the most critical bactericidal agent produced by white blood cells—through in

vitro synthesis.

(2) Food-Grade Formulation: all ingredients are derived from food-grade materials, and the product has passed "oral toxicity-free" certification.

Precautions

(1) Use immediately after preparation.

(2) Water temperature exceeding 40°C is not recommended.

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