





广州市微生物研究所有限公司

Guangzhou Institute of Microbiology Co., Ltd.

检测报告

TEST REPORT

Report Number

Name of Sample

Applicant

XJ20213205

Washing Foun tainer

DONGGUAN JINLING ELECTRONIC TECHNOLOGY CO., LTD







Test No.: XJ20213205

GUANGZHOU INSTITUTE OF MICROBIOLOGY CO., LTD. TEST REPORT

Date Received:

Sep. 14, 2021

Date Analyzed:

Sep. 17, 2021

| Name of Sample | Washing Foun tainer | Test Type | Commissioned | | | |
|----------------------|--|--------------------------|---------------|--|--|--|
| Applicant | DONGGUAN JINLING ELECTRONIC TECHNOLOGY CO., LTD | Sample Source | Delivery | | | |
| Manufacturer | DONGGUAN JINLING ELECTRONIC TECHNOLOGY CO., LTD | Type and Specification | JDXDJ-001 | | | |
| State of Sample | Machine | Batch Number | 1 | | | |
| Packing of Sample | 1 - 30 | Date of Production | 7 | | | |
| Quantity of Sample | One set | Brand | JinLing brand | | | |
| Standard and Methods | GB 28232-2020 Hygienic requirements for Technical Standard For disinfection (20 equipment disinfection efficacy appraisal to | 002) 2.1.5 Sterilization | | | | |
| Items of Analysis | ozone content Killing Rate(Escherichia coli 8099、Staphylococcus aureus ATCC 6538) | | | | | |
| Remarks | Preparation of ozone content sample solution: power on, turn on the faucet, turn it on and take a water sample for testing after 30 minutes of timing. This test report is the English additional Edition of XJ20213205 issued on Sep.26,2021 | | | | | |

Test results

1. ozone content

| Number of Sample | Items | 178 | Results | |
|------------------|---------------------|-----|---------|-----|
| XJ20213205-1 | Ozone content, mg/L | 100 | 2.80 | SA. |

To be continued







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2. Killing Rate.

Test method

1. Test equipment

1) Medium: Nutrient agar medium (NA).

- 2)Test strains: Escherichia coli 8099. Staphylococcus aureus ATCC 6538.
- 3) Carrier: cloth piece (10mm×10mm)
- 2. Test steps
- 1) Preparation of bacteria tablet: Pipette 10 μ L of bacterial suspension to each carrier, and the number of bacteria recovered per tablet should be 5×10^5 cfu/ pcs $\sim 5 \times 10^6$ cfu/ pcs.
- 2) The prototype was powered on and tested 30 minutes later. The microbe is placed in the center of the bottom of the beaker, and the outlet of the prototype is close to the inner wall of the beaker, and the generated liquid flows down the inner wall.
- 3) Immediately after the test, put the two slides into a test tube containing 5.0ml PBS, oscillate and count the live bacteria culture.
 - 4) Take the same batch of bacteria used in the test as the positive control group and count the live bacteria culture.
 - 5) Repeat the above test 3 times.

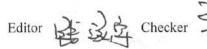
Test Results

| Testing Strains | Bacteria Count of Control (cfu/pcs) | Bacteria Count of Sample (cfu/pcs) | Killing Logarithm value | Killing Rate* (%) |
|------------------|--|--|---|---|
| 7 10 | 3.80×10 ⁶ | 2.75×10^{3} | >3.00 | 99.928 |
| Escherichia coli | 3.75×10 ⁶ | 2.85×10 ³ | >3.00 | 99.924 |
| | 3.85×10 ⁶ | 2.70×10 ³ | >3.00 | 99.930 |
| 15min ————— | 1.93×10 ⁶ | 1.29×10 ⁴ | 2.17 | 99.332 |
| | 2.00×10 ⁶ | 1.28×10 ⁴ | 2.19 | 99.360 |
| aureus | 2.03×10 ⁶ | 1.27×10 ⁴ | 2.20 | 99.374 |
| | | Control (cfu/pcs) 3.80×10 ⁶ 3.75×10 ⁶ 3.85×10 ⁶ | Testing Strains Control (cfu/pcs) Sample (cfu/pcs) 3.80×10^6 2.75×10^3 Escherichia coli 3.75×10^6 2.85×10^3 3.85×10^6 2.70×10^3 Staphylococcus aureus 2.00×10^6 1.29×10^4 2.00×10^6 1.28×10^4 | Testing Strains Bacteria Count of Control (cfu/pcs) Bacteria Count of Sample (cfu/pcs) Logarithm value 3.80×10^6 2.75×10^3 >3.00 Escherichia coli 3.75×10^6 2.85×10^3 >3.00 3.85×10^6 2.70×10^3 >3.00 Staphylococcus aureus 1.93×10^6 1.29×10^4 2.17 2.00×10^6 1.28×10^4 2.19 |

Note: 1) No bacterial growth in negative control group.

- 2) Killing Rate (%) = $\frac{\text{Bacteria Count of Control (cfu/pcs)} \text{Bacteria Count of Sample (cfu/pcs)}}{\text{Bacteria Count of Control (cfu/pcs)}} \times 100\%$
- 3) According to the standard, the suspension quantitative test was repeated three times, the killing logarithm value should be \geq 3.00 respectively, the test sample can be judged as qualified disinfection.

*** End of report***





Issuer + 3

Date Reported







Statements

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