



**Test Report**

**Report No.:** GZAFN1912025454S001

**Date:** Jan 22 2020

Client name: GreenTech Environmental, LLC  
 Client address: 6118 Kingsport Hwy Johnson city TN 37615  
 Sample name: pureAir Fridge  
 Sample Batch No.: /  
 Product Date: /  
 Manufacturer:  
 Sample other information: Brand: pureAir

**Above 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.**

SGS Sample No.: GZAFN1912025454S.001  
 SGS reference No.: 2019FM18924R01E  
 Date of sample received: Dec. 27, 2019  
 Testing period: Dec. 27, 2019 ~ Jan. 21, 2020

**TEST(S) REQUESTED:**  
Selected test(s) as requested by the applicant

**TEST METHOD(S):**  
Please refer to next page(s)

**TEST RESULT(S):**  
Please refer to next page(s)

**This test report has been drafted in English and maybe translated into other languages, The English version shall prevail.**



SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

SGS Authorized Signature  
丘燕 Ivory Qiu

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**TEST RESULT(S):**

Validation of disinfection efficacy of sterilization and disinfection instruments\*

Sample pretreatment: use glass as the bacterial carrier, place it in the 1m<sup>3</sup> test chamber, with the bacteria piece 5cm away from the air outlet, then let the machine work for 15 min, 30 min, 1h and 4 h respectively

Test Method: With reference to Technical standard for disinfection (2002) Ministry of health of the people's republic of China, 2.1.5.7

Test Organism(s): *Escherichia coli* 8099

| Action time | Test organisms               | Test groups | Average cfu of positive controls (cfu/piece) | Average cfu of testing groups (cfu/piece) | Killing rate (%) | Sterilization logarithm |
|-------------|------------------------------|-------------|--|---|------------------|-------------------------|
| 15min       | <i>Escherichia coli</i> 8099 | 1           | 1.4×10 <sup>6</sup>                          | 3.7×10 <sup>5</sup>                       | 73.57            | 0.58                    |
|             |                              | 2           | 1.5×10 <sup>6</sup>                          | 3.8×10 <sup>5</sup>                       | 74.67            | 0.59                    |
|             |                              | 3           | 1.4×10 <sup>6</sup>                          | 3.7×10 <sup>5</sup>                       | 73.57            | 0.58                    |
| 30min       | <i>Escherichia coli</i> 8099 | 1           | 1.4×10 <sup>6</sup>                          | 3.1×10 <sup>5</sup>                       | 77.86            | 0.66                    |
|             |                              | 2           | 1.5×10 <sup>6</sup>                          | 3.3×10 <sup>5</sup>                       | 78.00            | 0.65                    |
|             |                              | 3           | 1.4×10 <sup>6</sup>                          | 3.2×10 <sup>5</sup>                       | 77.14            | 0.65                    |
| 1h          | <i>Escherichia coli</i> 8099 | 1           | 1.4×10 <sup>6</sup>                          | 2.3×10 <sup>5</sup>                       | 83.57            | 0.79                    |
|             |                              | 2           | 1.5×10 <sup>6</sup>                          | 2.4×10 <sup>5</sup>                       | 84.00            | 0.79                    |
|             |                              | 3           | 1.4×10 <sup>6</sup>                          | 2.3×10 <sup>5</sup>                       | 83.57            | 0.81                    |
| 4h          | <i>Escherichia coli</i> 8099 | 1           | 1.4×10 <sup>6</sup>                          | 1.4×10 <sup>5</sup>                       | 90.00            | 1.00                    |
|             |                              | 2           | 1.5×10 <sup>6</sup>                          | 1.4×10 <sup>5</sup>                       | 90.67            | 1.02                    |
|             |                              | 3           | 1.4×10 <sup>6</sup>                          | 1.3×10 <sup>5</sup>                       | 90.71            | 1.04                    |

Remark: \* The test was carried out by external laboratory assessed as competent.



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**SAMPLE DESCRIPTION:** Sample in box

Photo Appendix



SGS authenticate the photo on original report only  
\*\*\* End of Report\*\*\*



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