



中国认可
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检测
TESTING
CNAS L0823



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

XJ20222167

Name of Sample

Plasma Air Sterilizer

Applicant

ETI Solid State Lighting (Zhuhai) Ltd



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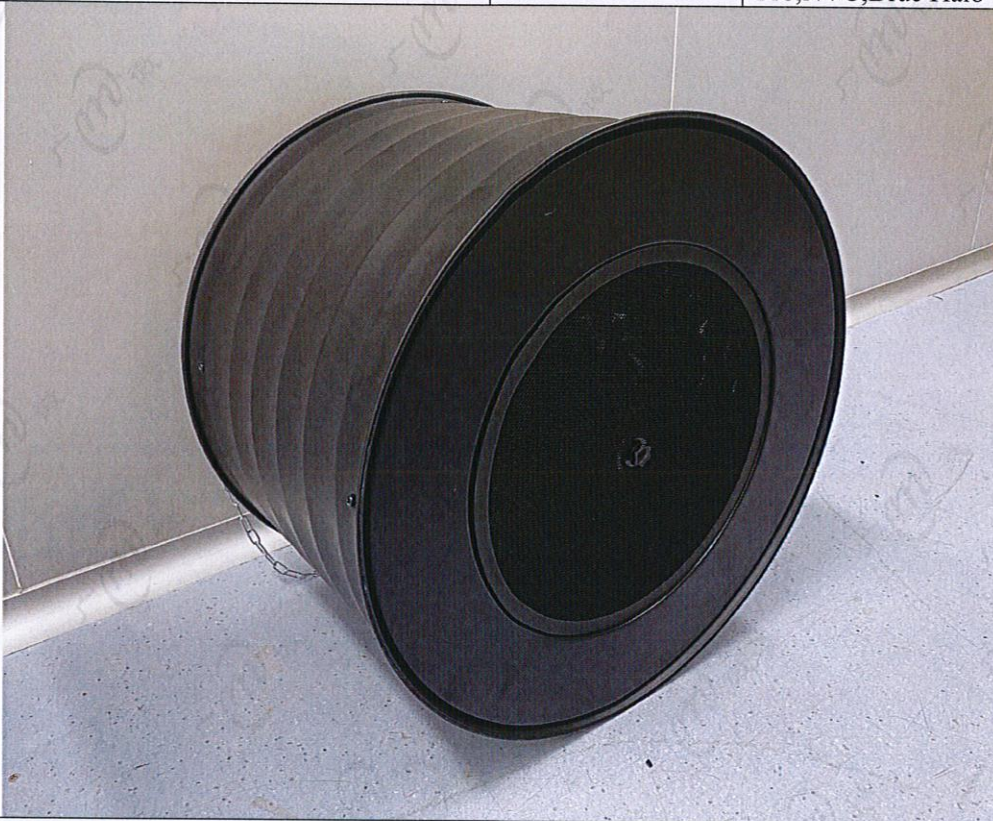
Test No. XJ20222167

GUANGZHOU INSTITUTE OF MICROBIOLOGY CO., LTD.

TEST REPORT

Date Received: Jun. 9, 2022

Date Analyzed: Jun. 15, 2022

| | | | |
|----------------------|----------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------|
| Name of Sample | Plasma Air Sterilizer | Test Type | Commissioned |
| Applicant | ETI Solid State Lighting (Zhuhai) Ltd | Sample Source | Delivery |
| Manufacturer | ETI Solid State Lighting (Zhuhai) Ltd | Type and Specification | 559061000、559061010 |
| State of Sample | Machine | Batch Number | —— |
| Packing of Sample | —— | Date of Production | —— |
| Quantity of Sample | 1 PCS | Brand | ETI,Silentaire, Cleanaire,Cleanaire Pro,NVC,Blue Halo |
| Sample Picture |  | | |
| Standard and Methods | Technical Standard For disinfection(2002) 2.1.3 Air disinfection effect appraisal test | | |
| Items of Analysis | Sterilization Rate(<i>Staphylococcus albus</i> 8032) | | |
| Remarks | Model 559061000 is same as model 559061010,except for model number and body color. | | |

*** To be continue***



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Test Results

| Test Number | Test Time (min) | Control Group | | Test Group | |
|-------------|-----------------|--------------------------------------|---------------------------------------|--------------------------------------|---------------------------------------|
| | | Bacteria Count (cfu/m ³) | Natural Decay Rate N _t (%) | Bacteria Count (cfu/m ³) | Sterilization Rate K _t (%) |
| 1 | 0 | 1.59×10 ⁵ | 12.58 | 1.60×10 ⁵ | 98.83 |
| | 20 | 1.39×10 ⁵ | | 1.63×10 ³ | |
| 2 | 0 | 1.63×10 ⁵ | 13.50 | 1.62×10 ⁵ | 98.75 |
| | 20 | 1.41×10 ⁵ | | 1.74×10 ³ | |
| 3 | 0 | 1.60×10 ⁵ | 12.50 | 1.63×10 ⁵ | 98.77 |
| | 20 | 1.40×10 ⁵ | | 1.76×10 ³ | |
| 1 | 0 | 1.59×10 ⁵ | 16.98 | 1.60×10 ⁵ | 99.91 |
| | 30 | 1.32×10 ⁵ | | 1.20×10 ² | |
| 2 | 0 | 1.63×10 ⁵ | 15.95 | 1.62×10 ⁵ | 99.92 |
| | 30 | 1.37×10 ⁵ | | 1.06×10 ² | |
| 3 | 0 | 1.60×10 ⁵ | 16.25 | 1.63×10 ⁵ | 99.94 |
| | 30 | 1.34×10 ⁵ | | 85 | |

Note: 1) No bacterial growth innegative control group.
2) The voltage : 120Vac, 60Hz.
3) Test chamber : 30m³.

*** End of report***

Editor

杨晓峰

Checker

邱晓华

Issuer

杨晓峰

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Contact Address: NO.1Jiantashan Road, Huangpu District, Guangzhou City, Guangdong Province

Test Address: (only fill in when it's different from the contact address)

Postal Code: 510663

Tel.: (020)31606167

(020)62800791

URL: <http://www.ggtest.com.cn>