

# Test Report

Report No.: GZES200902713831

Date: 2020-09-18

The following sample(s) was/were submitted and identified on behalf of the client as:

Applicant:

Manufacturer: Same as applicant

Testing location/address: SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch  
198 Kezhu Road, Science City, Economic & Technology Development Area,  
Guangzhou, Guangdong, China

Standard(s): ISO 15858: 2016

Test item description: UV-C Sterilizer Vacuum Stainless Steel Bottle

Trade Mark/Brand: —

Model/Type reference: P436.64

Ratings: DC 5 V; 300 mA

Test result: See Pages Below.

Remark: When determining for test conclusion, measurement uncertainty of tests has been considered.



Alex Tan

Alex Tan  
Reviewer  
E&E Safety Laboratory

Zick Wu

Zick Wu  
Sr Project Engineer



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, E&E Safety Laboratory

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Copy of marking plate: —							
<b>Summary of testing:</b> After the sample works normally, the cover is opened for a gap, and the UV LED does not turn off. The test is to measure the maximum value at 1,83 m.							
<b>Test item particulars</b> .....: <table border="0"> <tr> <td>Lamp cap .....</td> <td>—</td> </tr> <tr> <td>Lamp identification .....</td> <td>—</td> </tr> <tr> <td>IP number .....</td> <td>—</td> </tr> </table>		Lamp cap .....	—	Lamp identification .....	—	IP number .....	—
Lamp cap .....	—						
Lamp identification .....	—						
IP number .....	—						
<b>Possible test case verdicts:</b> - test case does not apply to the test object.....: N/A (not applicable) - test object does meet the requirement.....: P (Pass) - test object does not meet the requirement.....: F (Fail)							
<b>Testing</b> Date of receipt of test item.....: 2020-09-08 Date (s) of performance of tests.....: 2020-09-09 to 2020-09-15							
<b>General product information:</b> Stainless steel bottle, built-in sensor to protect user from UVC light. The product cannot be powered on when the cover is not closed.							



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ISO 15858: 2016		
Clause	Remarks	Verdict
1 Scope		Info.
2 Normative references		Info.
3 Terms and definitions		Info.
4 Sources of UVC exposure		
4.1 General	Portable in-room disinfection UVC devices.	P
4.2 UVC energy penetration		P
4.3 UVC radiation measurement		P
4.4 Measuring Threshold Limit Values		P
5 Exposure limits to UVC		P
5.1 General information		P
5.2 Maximum permissible UVC exposure		P
5.3 Personal protective equipment	See user manual	P
5.4 Personnel safety training	See user manual	P

## Test result:

Input voltage / frequency ..... : DC 5 V

Input wattage (W) ..... : 0,15 W

Irradiance (mW/cm<sup>2</sup>) ..... : 0,10635 mW/cm<sup>2</sup>

Permissible exposure time (h) ..... : 12 h



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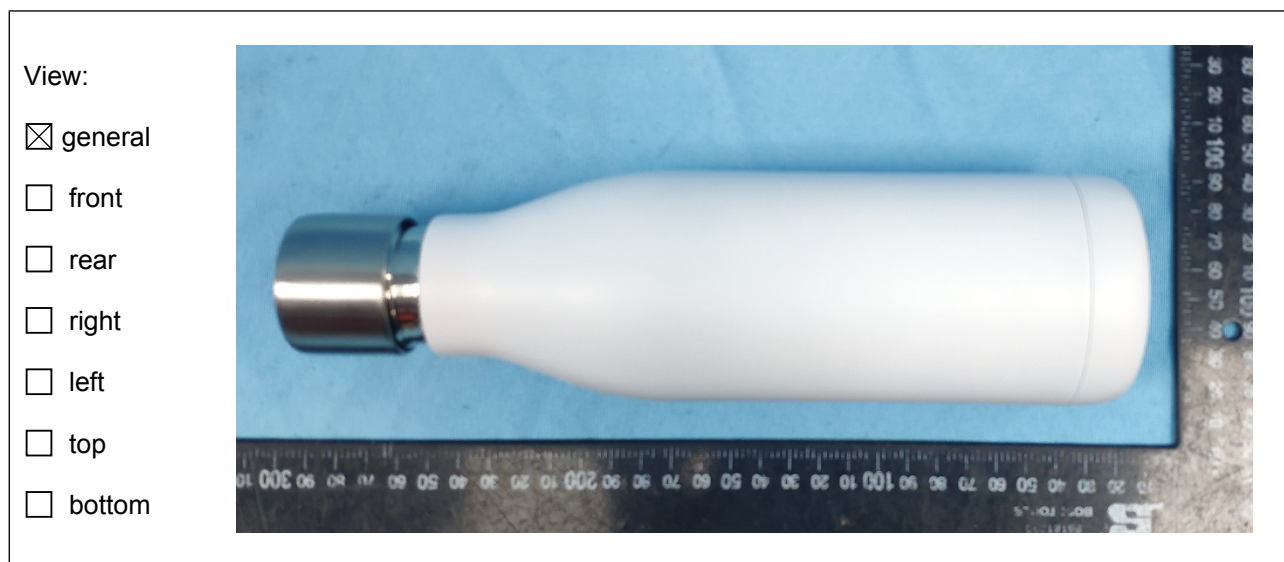
Date: 2020-09-18

## Photo documentation:

Details of: View of the product



Details of: Test status



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Details of: View of parts

View:

- ☒ general
- ☐ front
- ☐ rear
- ☐ right
- ☐ left
- ☐ top
- ☐ bottom



--- End of Report ---



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