

## Test report

The sample(s) listed below was/were submitted and identified on behalf of the applicant/vendor

**Applicant/Vendor** : SiG Solar GmbH / Lumitensio  
Ernst-Abbe-Strasse 6, 28816 Stuhr, Germany

**Manufacturer** : SiG Solar GmbH  
Ernst-Abbe-Strasse 6, 28816 Stuhr, Germany

**Sample Name** : Air purifier  
**Model/Item** : LCA-388

**Electrical Rating** : /

**Sample Source** : Submitted for Testing by the Applicant

**Sample Received Date** : 07 Dec 2020

**Test Period** : 08 Dec 2020 - 29 Dec 2020

**Test Requested** : Selected test(s) as requested by client.

**Test Method** : Refer to GB/T 18801-2015

**Test Item Name** : Air virus elimination test

**Test Result(s)** : Please refer to next page(s).



**Remark** : 1. The test was carried out by external laboratory which is assessed as competent.  
2. Unless otherwise stated the results shown in this test report refer only to the items tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior written approval of the SGS.

Signed for and on behalf of  
SGS-CSTC Standard Technical Services Co., Ltd. Guangzhou Branch

Authorized Signature  
Robin Lu



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**Sample pretreatment:**

- The experiment was performed in a 30m<sup>3</sup> test cabin. During the test, the prototype does not turn on the AUTO mode, and the wind speed is turned on the highest gear.

**Test Result(s):**

| Virus and host cell   | Action time | Serial Number | Air virus content (TCID <sub>50</sub> /m <sup>3</sup> ) | Removal rate (%) |
|---|-------------|---------------|---|------------------|
| H1N1<br>Influenza A virus<br>(A/PR/8/34)<br>Host cell: MDCK | 0 (CK)      | 1             | 3.08×10 <sup>6</sup>                                    | /                |
|   |             | 2             | 2.44×10 <sup>6</sup>                                    |                  |
|   |             | 3             | 4.06×10 <sup>6</sup>                                    |                  |
|   | 1h          | 1             | 1.14×10 <sup>2</sup>                                    | 99.99            |
|   |             | 2             | 1.14×10 <sup>2</sup>                                    | 99.99            |
|   |             | 3             | 1.73×10 <sup>2</sup>                                    | 99.99            |

**Remark:** The natural decay of microorganisms in the air has been eliminated.

--- End of Report ---



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