TEST REPORT

Applicant : Qierling (Beijing) Health Technology Co., Ltd.
Address : No. 101-42/101-43 (Dongsheng district), 9th Floor, No 1 Building, No 8th , Heiquan Road, Haidian District, Beijing City.

The following merchandise was (were) submitted and identified by the client as:

Name of Sample :	720 DS-X1000W Air Purifiering Disinfector
Test Type :	Commission
Sample Quantity :	1
Model :	DS-X1000W
Batch No. :	/
Brand :	720
Manufacturer:	Healthlead Corproation Limited
Sample Received :	2020/08/27
Test Period :	2020/09/01-2020/09/30
Test Items :	Please refer to next page(s).
Test Method :	Please refer to next page(s).
Test Result :	Please refer to next page(s).
Sample Description :	/
Note:	1) The relevant items are not tested for qualification rectification; only as reference for internal use. 2) The test results shown in the report were carried out by Guangzhou Institute of Respiratory Disease Medicine Co., Ltd. The report certificate number is HYS202008155. 3) The appearance,color pattern, and network connection of model DS-X1000N, are different from the main test model DS-X1000W, but the rest of the electrical structure and filter materials are exactly the same as the main test model.

Edited by: 黄婉盈 **Approved by:**

Checked by: 钟智坚 **Official Seal:** 广州中科检测技术服务有限公司 检验检测专用章

Test Methods:

1. Test Item

1） Strain: Influenza A virus A/PR8/34(H1N1) and Enterovirus EV71

2） Cell: MDCK cell and Vero cell

2. Test Request

1) Temperature: 23 ~ 25 ℃

2) Relative humidity: 50 ~ 60 %

3) Test time: 60 minutes

4) Test chamber: 30m^3

5) Operation conditions of the machine: Maximum Wind Speed

3. Test Procedure

1)The temperature and relative humidity of the chamber are set to the test requirements.Put the equipments into the chamber at one time and close the door.

2) Turn on the aerosol generator to atomize the virus and mix with a fan. After atomizing,virus was placed for a certain time.The sample were collected in the control group and the experimental group purification. Purification was carried out in the experimental chamber.The control chamber was used as comparison.

3) To the specified time, the test group and the control group were sampled at the same time.The test was repeated 3 times.

4) The recovery liquid mentioned above was diluted.The diluent was added to cell culture plate containing MDCK cells and Vero cells. Keep on incubating for 3-5 days with the nutrient solution.Cell growth was observed daily.When the MDCK cells and Vero cells appeared to become round and shrink, record the cytopathic changes.Calculate the $TCID_{50}$ according to Reed-Muench formula.Virus titer and removal rate were calculated.

******** TO BE CONTINUED ********

Test Results

Virus	Test number	Virus titer of control group			Virus titer of test group		
		0 hour ($TCID_{50}/m^3$)	60 min ($TCID_{50}/m^3$)	Natural decay rate(%)	0 hour ($TCID_{50}/m^3$)	60 min ($TCID_{50}/m^3$)	Removal rate(%)
H1N1	1	2.49×10^6	5.85×10^5	76.5	1.81×10^6	/	≥99.99
	2	1.17×10^6	1.98×10^5	83.1	1.17×10^6	/	≥99.99
	3	5.46×10^6	1.17×10^6	78.6	3.69×10^6	/	≥99.99

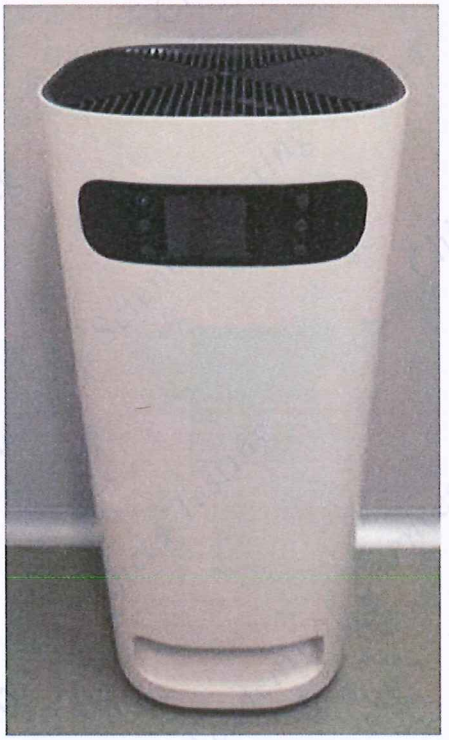
Remark: / = Not detected

Virus	Test number	Virus titer of control group			Virus titer of test group		
		0 hour ($TCID_{50}/m^3$)	60 min ($TCID_{50}/m^3$)	Natural decay rate(%)	0 hour ($TCID_{50}/m^3$)	60 min ($TCID_{50}/m^3$)	Removal rate(%)
EV71	1	3.69×10^6	1.17×10^6	68.3	3.69×10^6	/	≥99.99
	2	2.49×10^6	7.03×10^5	71.8	3.69×10^6	/	≥99.99
	3	5.46×10^6	1.98×10^6	63.7	2.49×10^6	/	≥99.99

Remark: / = Not detected

******** TO BE CONTINUED ********

SAMPLE PHOTO



******** END OF REPORT ********

Statement

1. This report is issued by The Guangzhou CAS Test Technical Services Co., Ltd (hereinafter referred to as "Our Company").
2. This report is invalid if not affixed with authorized stamp of test and paging seal.
3. This report is invalid without signature of verifier and approver.
4. This report is invalid if being supplemented, deleted or altered.
5. Without written permission of our Company, this report can not be reproduced in part (except in whole).
6. The result(s) shown in this report refer only to the sample(s) tested, but do not apply to the same batch, size or brand of products (except the test samples) or to prove the related methods of making, processing or production of the test sample(s), or the correctness and rationality of processes or process.
7. Objections to this report must be submitted to our Company within 15 days. Otherwise, it will automatically deem to have accepted this report.
8. The Client shall be responsible for the accuracy, authenticity and completeness of the samples and information submitted for inspection, and the disputes arising therefrom shall be borne by the Client.
9. As any reports is issued as a result of this application for testing services, our Company will strictly keep confidentiality to the Clients. Except where disclosure is required on the basis of laws, regulations, judgments, and rulings (including in accordance with summons, court, or government proceedings).
10. The result(s) or conclusion(s) shown in this report about the description of the characteristics, composition, properties or quality are based on the specific time, methods and applicable criteria. Using different methods and criteria or under different environmental conditions for testing may come to different conclusions.
11. This test report does not have probative effect to society.
12. Since our Company's causes lead to modify the contents of this report, our Company shall reissue this report and bear the modification cost. The Client shall return the original report. Since the Client's causes lead to modify the contents of this report, the Client need to submit an application form for the change of report to our Company. The Client shall bear the modification cost and return the original report if our Company approves to reissue this report.