



# TEST REPORT

98, Gyooyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Korea

TEL 82-2-2164-0011

FAX 82-2-2634-1008

Report No : TBK-2020-001054

Receipt Date : 2020.02.21.

Representative : Eric Choi

Test Completion Date : 2020.04.03.

Company name : Haenim CO.,LTD

Address : 15, Saryeom-ro 21beon-gil, Seo-gu, Incheon, Republic of Korea

Sample name : Haenim UV LED Bottle Sterilizer

## Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Virucidal test[Human Influenza A (H1N1)]	Log reduction	-	3.12	Client Provided Test Method

\* Test conditions

- UV LED mode (operation time: 10 minutes)

\*\* Test virus

- Human Influenza A (H1N1) (Strain: KUMC-76), KBPV-VR-76

\*\*\* Host cells

- MDCK (NBL-2), ATCC CCL-34

\*\*\*\* Log reduction (LR)

- LR = LU - LT

- LU = The titer recovered from the virus control specimen (untreated)

- LT = The titer recovered from virucidal test specimen (treated)

\*\*\*\*\* Interpretation of the results

- log reduction &gt; 1: &gt; 90 %

- log reduction &gt; 2: &gt; 99 %

- log reduction &gt; 3: &gt; 99.9 %

- log reduction &gt; 4: &gt; 99.99 %

- log reduction &gt; 5: &gt; 99.999 %

- Usage of Report : QUALITY CONTROL

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Reviewed by Jin-Sik Cho

Tel : 1577-0091(ARS ①-④)

2020.04.03

## Korea Testing & Research Institute

President *Kwon Oh-jung*



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- Note :
1. The test results of this test report are only limited in to the samples and sample names provided by the client and do not guarantee the quality of all products of the client. You Can check website ([www.ktr.or.kr](http://www.ktr.or.kr)) or QR code to verify the authenticity of the certificate.
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  3. This test report is only valid when printed on KTR original report paper with hologram and when re-issued by KTR. The copy and the electronic file of the test report are only for reference.

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