



TEST REPORT

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Report No : TBK-2020-002939

Receipt Date : 2020.05.08.

Representative : Eric Choi

Test Completion Date : 2020.07.15.

Company name : Haenim CO.,LTD

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

Sample name : UV LED Sterilizer (HN Series)

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Virucidal test (Human coronavirus)	Log reduction	-	≥3.38	Client Provided Test Method

* Test conditions

- AUTO mode (Operation time: 30 minutes)

** Test virus

- Human coronavirus, Strain: 229E, ATCC VR-740

*** Host cells

- MRC-5, KCLB 10171

**** 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 > 1: > 90 %

- log reduction > 2: > 99 %

- log reduction > 3: > 99.9 %

- log reduction > 4: > 99.99 %

- log reduction > 5: > 99.999 %

- Usage of Report : QUALITY CONTROL

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2020.07.15

Korea Testing & Research Institute

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