



TEST REPORT

1. NO : CT20-068740E

2. Client

○ Name : Haenim Co.,Ltd

○ Address : 15, Saryeom,-ro 21beon-gil, Seogu, Incheon, Republic of Korea

3. Date of Test : 2020.06.11 ~ 2020.07.08

4. Use of Report : Quality Control

5. Test Sample : UV LED Sterilizer (HN Series)

6. Test Method

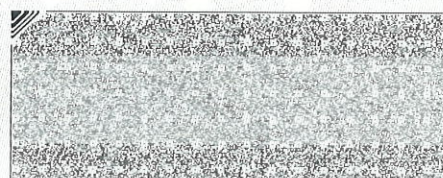
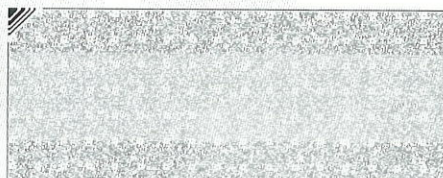
(1) Client's requirement method

Affirmation	Tested By Name : Na, Dong Hyun <i>[Signature]</i>	Technical Manager Name : BIN SUNG IL <i>[Signature]</i>
This report is not accredited by KOLAS. Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website(www.kcl.re.kr).		

2020.07.08

Korea Conformity Laboratories President Yoon, Kap Seok *[Signature]*

Result Inquiry : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea (82-31-389-9193)



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7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 10 min Conc. (CFU/mL)	Reduction rate (%)	
Antibacterial test : <i>Candida albicans</i>	BLANK	Client's requirement method	1.1×10^4	1.1×10^4	—	(37.0 ± 0.2) °C
	UV LED Sterilizer (HN Series)		1.1×10^4	< 10	99.9	

※ CFU : Colony Forming Unit

※ Test bacteria : *Candida albicans* ATCC 10231

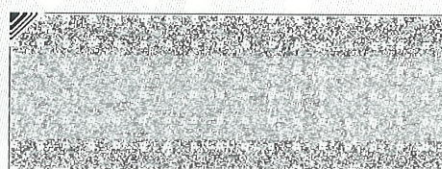
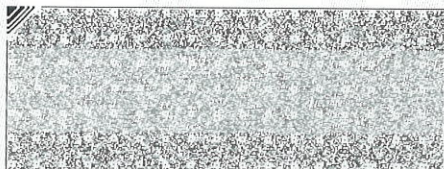
※ Sample : UV LED Sterilizer (HN Series)

※ Client's requirement method

1. Place the medium inoculated with the bacteria in the center of the sample.
2. Measure the reduction rate after operating the sample for 10 minutes.

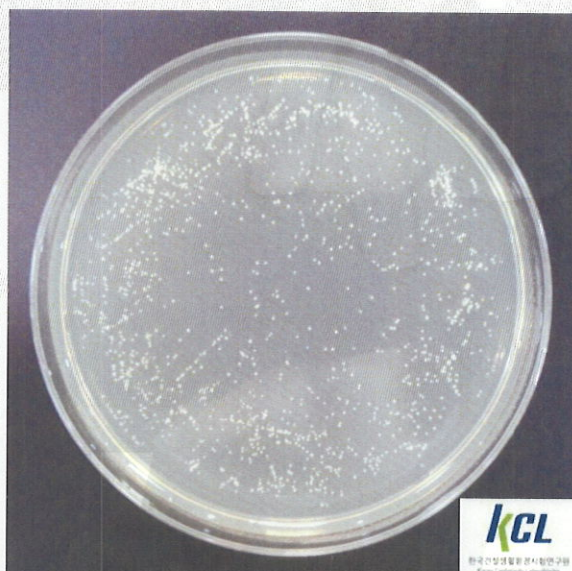
※ Inoculum preparation, Inoculation method, Assessment of Results : KCL-FIR-1002:2018 Mod.

※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea



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<Picture 1. *Candida albicans* - BLANK (0 h)>



<Picture 2. *Candida albicans* - UV LED Sterilizer (HN Series) (10 min)>



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<Picture 3. Sample[UV LED Sterilizer (HN Series)]>

----- End of Report -----

