



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Rep. of KOREA

TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TBK-001447

Receipt Date : 2016.09.01.

Representative : Lee Jong Hoon

Test Completion Date : 2016.10.07.

Company name: Clear win Co., Ltd

Address : 1112-2, 293 Mokdongdong-ro, Yangcheon-gu, Seoul, Korea

Sample name : Handrail UV Sterilizer

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
Bactericidal test(S.aureus)	CFU/Carrier	Control group (Initial)	6.0×10^5	By The Client
Bactericidal test(S.aureus)	CFU/Carrier	Test group (After 1 cycle)	4.2×10^5 (30.0%)	By The Client
Bactericidal test(S.aureus)	CFU/Carrier	Test group (After 10 cycles)	1.6×10^5 (73.3%)	By The Client
Bactericidal test(S.aureus)	CFU/Carrier	Test group (After 20 cycles)	2.0×10^4 (96.7%)	By The Client
Bactericidal test(S.aureus)	CFU/Carrier	Test group (After 30 cycles)	1.2×10^4 (98.0%)	By The Client

* Test condition

- Carrier : Semitransparent glass [2.5 cm × 1.5 cm]
- Carrier location : Refer to the test report

** Test strain

- Staphylococcus aureus ATCC 6538

*** Decrease rate (%) = $\{(A-B)/A\} \times 100$

- A : Plate count of control group at initial time (Average)
- B : Plate count of test group after designated time (Average)

Attachment: Test report

- Usage of Report: QUALITY CONTROL

ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ

Лифты Казани

e-mail: sales@liftkazan.ru
www.ЛифтыКазани.РФ

**ПРОДАЖА И ОБСЛУЖИВАНИЕ
 ОБОРУДОВАНИЯ «ОБЬ»
 («Лифт-Комплекс ДС»)**

- Next Page -



Tested by Kim Jungseok
 E-mail: kimjs@ktr.or.kr

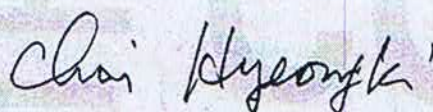


Technical Manager: Jin-Sik Cho
 Tel: 1577-0091(ARS ①-④)

2016.10.07.

Korea Testing & Research Institute

President




QR Code for forgery

Page: 1 of 2



TEST REPORT

98, Gyoyukwon-ro, Gwacheon-si, Gyeonggi-do, 13810, Rep. of KOREA

TEL 82-2-2164-0011 FAX 82-2-2634-1008

Report No : TBK-001447

Receipt Date : 2016.09.01.

Representative : Lee Jong Hoon

Test Completion Date : 2016.10.07.

Company name: Clear win Co., Ltd

Address : 1112-2, 293 Mokdongdong-ro, Yangcheon-gu, Seoul, Korea

Sample name : Handrail UV Sterilizer

Test Results

TEST ITEM	UNIT	SAMPLE	RESULT	TEST METHOD
-----------	------	--------	--------	-------------

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) or QR code to verify the authenticity of the certificate.
 2. This test report shall be used only within the purpose of its defined usage and shall not be used for public relation, advertisement and lawsuit.
 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.



Kim Jungseok

Tested by Kim Jungseok
 E-mail: kimjs@ktr.or.kr

Jin-Sik Cho

Technical Manager: Jin-Sik Cho
 Tel: 1577-0091(ARS ①→④)

2016.10.07.

Korea Testing & Research Institute

President

Choi Hyeonik



QR Code for forgery

Page: 2 of 2

CE TEST REPORT

Report Number : ETL160308.0225 Report Issue Date: April 20, 2016

Model / Serial No. : CW001 / NONE

Multiple Model Name : -

Product Type : HANDRAIL UV STERILIZER

Brand name : -

Applicant : CLEARWIN CO., LTD.

Address : 1112-2, HYUNDAI 41 TOWER, 293 MOKDONGDONG-RO,
YANGCHEON-GU, SEOUL, 07997, KOREA

Manufacturer : CLEARWIN CO., LTD.

Address : 1112-2, HYUNDAI 41 TOWER, 293 MOKDONGDONG-RO,
YANGCHEON-GU, SEOUL, 07997, KOREA

Test Standard(s) : EN 61000-6-1: 2007
EN 61000-6-3: 2007 + A1: 2011 / AC: 2012


Test Result : **Positive**

Total pages including Attachments : 41



Prepared by:

Tae Gyun, Kim
(Test Engineer)



April 20, 2016

Reviewed by:

Hyung Min, Choi
(Chief Engineer)



April 20, 2016

ETL Inc.

114, Gasan digital 2-ro, Geumcheon-gu, Seoul, 153-803, Korea
Tel : 82-2-858-0786 Fax : 82-2-858-0788

The test report merely corresponds to the test sample(s).
This report shall not be reproduced, in whole or in part without the written approval of ETL Inc.

Report no. ETL160308.0225 / Page 1 of 24