

# TEST REPORT

1. No : CT16-027131

2. Client

○ Name : Wellis Co.,Ltd

○ Address : W801, SK V1 Center Bldg, 11, DangSan-ro 41-gil, Yeungdeungpo-gu, Seoul, Korea

Reissuance (R1)
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Date : 2016.03.24
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3. Date of Test : 2016.02.29 ~ 2016.03.24

4. Use of Report : Quality Control

5. Test Sample : Air Disinfection Purifier (WADU-02)

6. Test Method

(1) Client's requirement method

Affirmation	Tested By	<b>JKS</b>	Technical Manager	<i>Sangbok</i>
	Name : Kye Seung Chang		Name : Sang Bok Bae	
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.				

2016.03.24

**Korea Conformity Laboratories**

President Kyung Sik Ki *Kyung Sik Ki*

Address : #805, I' VALLEY Gunpo, 149, Gongdan-ro, Gunpo-si, Gyeonggi-do, 435-010, Korea 82-31-389-9100

Result Inquiry : The Center of Green Complex Technologies 82-31-389-9184



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## 7. Test Results

Test Items		Test Results			Test method	Testing Environment
		Before operating Conc.(CFU/m <sup>3</sup> )	After operating Conc.(CFU/m <sup>3</sup> )	Reduction rate of bacteria(%)		
Reduction test for Airborne microbes	Air Disinfection Purifier (WADU-02)	1.0 × 10 <sup>4</sup>	< 10	99.9	Client's requirement method	(23.0 ± 0.2) °C (50.2 ± 1.0) % R.H.

※ CFU : Colony Forming Unit

※ Test strain : MRSA(*Staphylococcus aureus subsp. aureus* ATCC 33591)

※ Chamber size : 8 m<sup>3</sup>

※ Measurement equipment : MAS-100 NT (MERCK, Flow rate : 100 L/min)

※ Sample : Air Disinfection Purifier (WADU-02)

※ Operating time : 4 hours

※ Result concentration : Feller Conversion Table application

※ Client's requirement method : After injecting a constant concentration of target bacteria inside the test chamber and operating the sample for 4 hours, measure the reduction rate of bacteria.



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<Picture 1. MRSA - BLANK (0 h)>



<Picture 2. MRSA - Air Disinfection Purifier (WADU-02) (4 h)>

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<Picture 3. Sample[Air Disinfection Purifier (WADU-02)]>

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