



# TEST REPORT

1. NO : CT17-119309
2. Client
  - Name : HamiltonBunl/Pr imetecn
  - Address : 80Little Falls Road, Fairfield NJ 07004
3. Date of Test : 2017.11.02 ~ 2017.11.22
4. Use of Report : Quality Control
5. Test Sample : Vray
6. Test Method
  - (1) Client's requirement method

Reissuance(R1)
Date : 2017.11.22

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 qualities of the lot from which the sample was taken or of apparently identical or similar products.				

2017.11.22

Korea Conformity Laboratories President Kyung Sik Kim *KyungSik Kim*

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

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## 7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 5 sec Conc. (CFU/mL)	Reduction rate of bacteria(%)	
Antibacterial test for <i>Klebsiella pneumoniae</i>	BLANK	Client's requirement method	$1.3 \times 10^4$	$1.3 \times 10^4$	-	(37.0 ± 0.2) °C
	Vray		$1.3 \times 10^4$	< 10	99.9	
Antibacterial test for MRSA	BLANK		$1.1 \times 10^4$	$1.1 \times 10^4$	-	
	Vray		$1.1 \times 10^4$	< 10	99.9	

※ CFU : Colony Forming Unit

※ Test strain : *Klebsiella pneumoniae* ATCC 4352  
MRSA(*Staphylococcus aureus* subsp. *aureus* ATCC 33591)

※ Sample : Vray

※ Client's requirement method

- Test time : 5 seconds

- Distance between of the medium inoculated with the strain and lamp into the sample : 5 cm

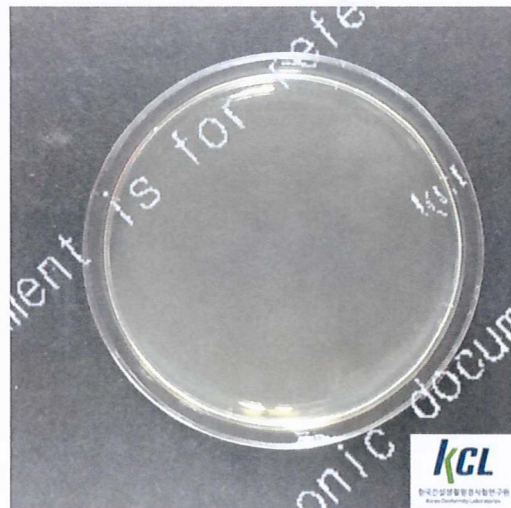
※ Inoculum preparation, Inoculation method, Assessment of Results : KCL-FIR-1002:2011 Mod.

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<Picture 1. *Klebsiella pneumoniae* - Blank (0 h)>



<Picture 2. *Klebsiella pneumoniae* - Vray (5 sec)>

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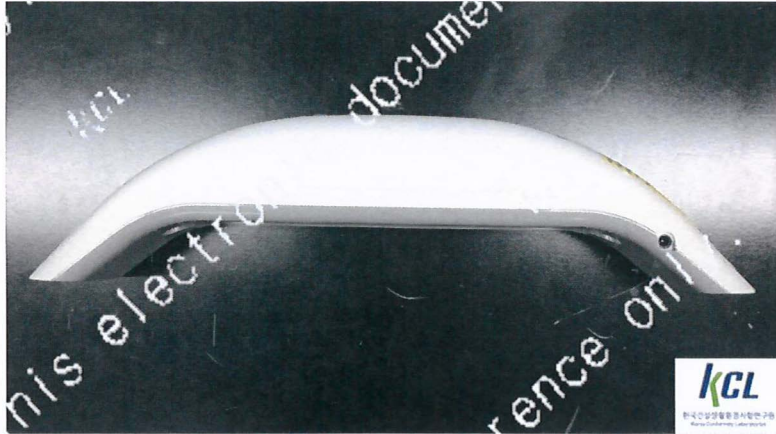
<Picture 3. MRSA - BLANK (0 h)>



<Picture 4. MRSA - Vray (5 sec)>

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<Picture 5. Sample[View]>

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