



TEST REPORT

1. NO : CT17-119310
 2. Client
 ○ Name : PRIMETECH
 ○ Address : 6F, 221, Yeoksam-ro, Gangnam-gu, Seoul, Korea(06224)
 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 **JKS** Technical Manager
 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.

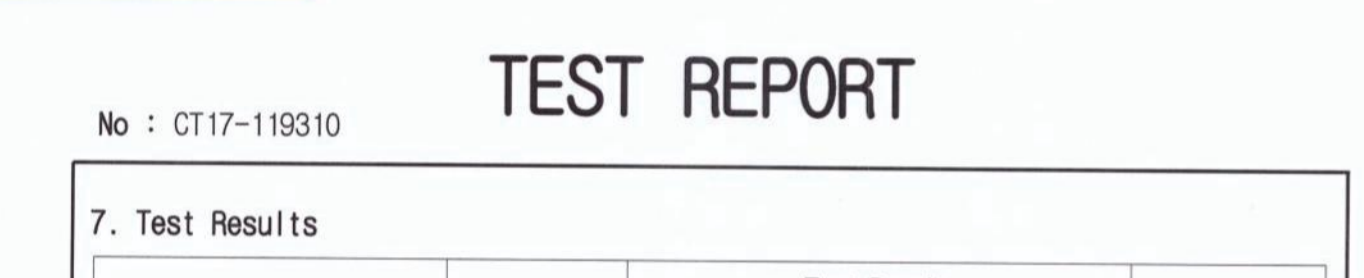
2017.11.22

Korea Conformity Laboratories President Kyung Sik Kim

Address : #805, 1' VALLEY Gunpo, 149, Gongdan-ro, Gunpo-si, Gyeonggi-do, 15845, Korea 82-31-389-9100
 Result Inquiry : The Center of Green Complex Technologies 82-31-389-9184

Page 1 of 6

QP-20-01-07(5)



TEST REPORT

No : CT17-119310

7. Test Results

Test Items	Test method	Test Results			Testing Environment
		Early Conc. (CFU/mL)	After 10 sec Conc. (CFU/mL)	Reduction rate of bacteria(%)	
Antibacterial test for <i>Escherichia coli</i>	BLANK	1.0×10^4	1.0×10^4	-	(37.0 ± 0.2) °C
	Vray	1.0×10^4	< 10	99.9	
Antibacterial test for <i>Pseudomonas aeruginosa</i>	BLANK	1.3×10^4	1.3×10^4	-	
	Vray	1.3×10^4	< 10	99.9	
Antibacterial test for <i>Staphylococcus aureus</i>	BLANK	1.0×10^4	1.0×10^4	-	
	Vray	1.0×10^4	< 10	99.9	

※ CFU : Colony Forming Unit
 ※ Test strain : *Escherichia coli* ATCC 25922
Pseudomonas aeruginosa ATCC 15442
Staphylococcus aureus ATCC 6538
 ※ Sample : Vray
 ※ Client's requirement method
 - Test time : 10 seconds
 - Distance between of the medium inoculated with the strain and lamp into the sample : 20 cm
 ※ Inoculum preparation, Inoculation method, Assessment of Results : KCL-FIR-1002:2011 Mod.

- Page 2 of 6 -

QP-20-01-08(5)

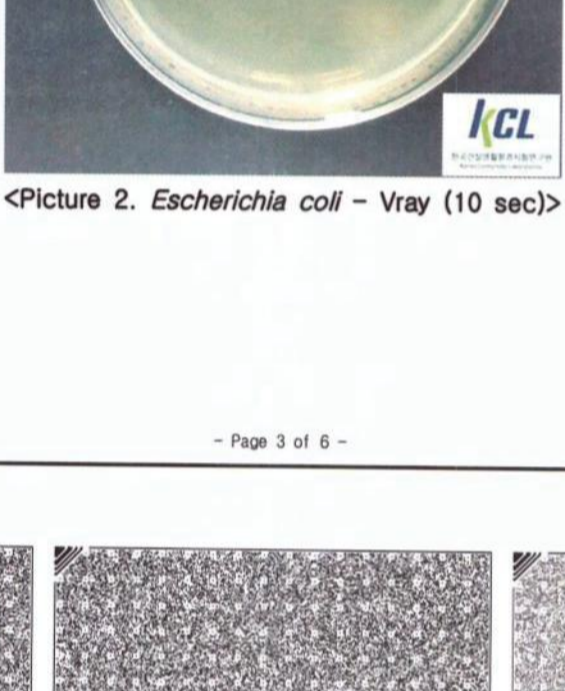


TEST REPORT

No : CT17-119310



<Picture 1. *Escherichia coli* - BLANK (0 h)>



<Picture 2. *Escherichia coli* - Vray (10 sec)>

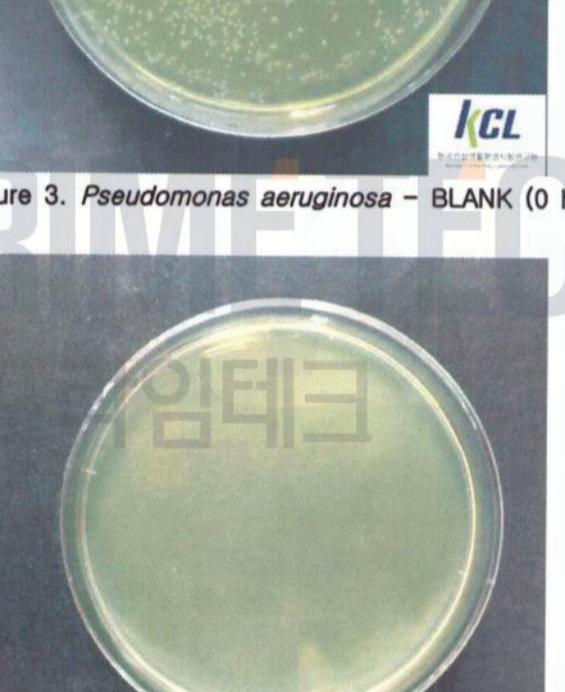
- Page 3 of 6 -

QP-20-01-08(5)

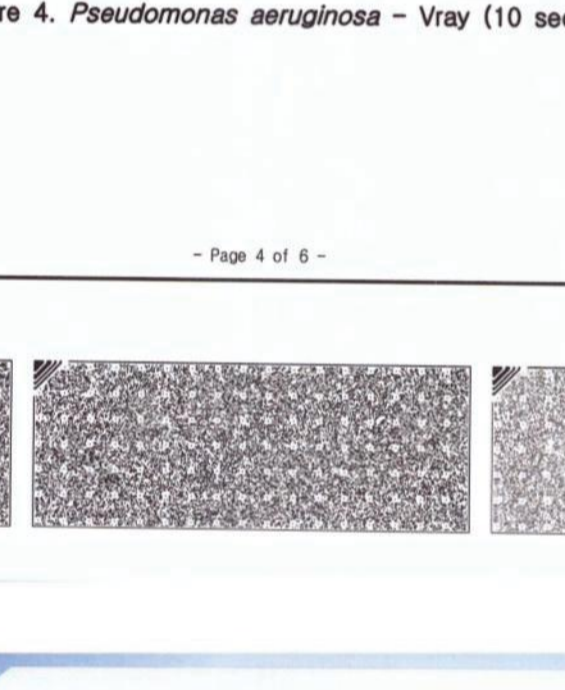


TEST REPORT

No : CT17-119310



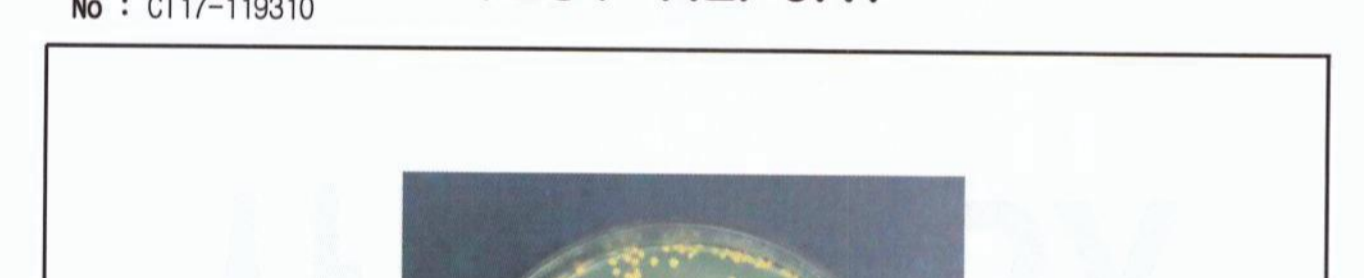
<Picture 3. *Pseudomonas aeruginosa* - BLANK (0 h)>



<Picture 4. *Pseudomonas aeruginosa* - Vray (10 sec)>

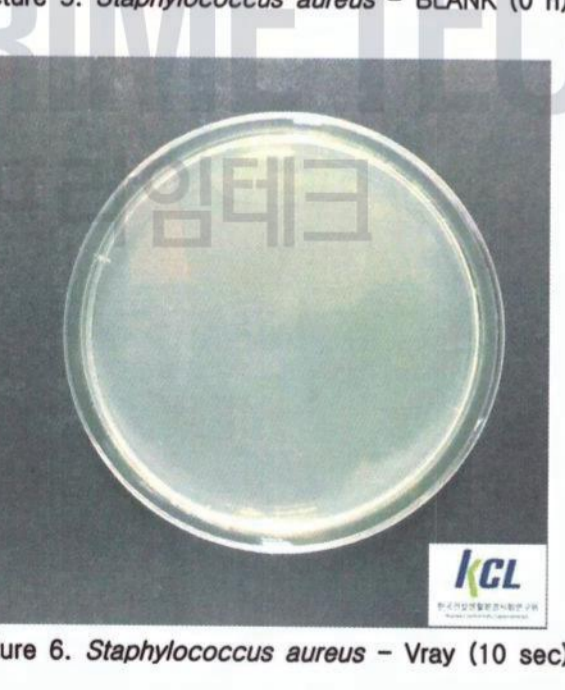
- Page 4 of 6 -

QP-20-01-08(5)

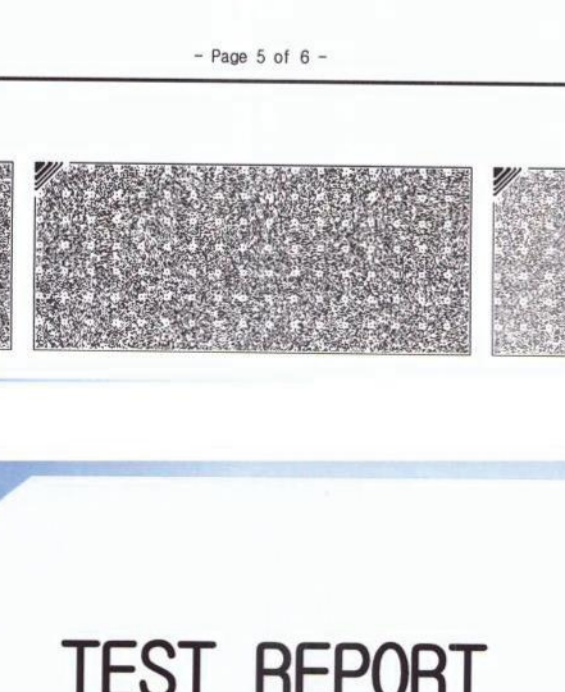


TEST REPORT

No : CT17-119310



<Picture 5. *Staphylococcus aureus* - BLANK (0 h)>



<Picture 6. *Staphylococcus aureus* - Vray (10 sec)>

- Page 5 of 6 -

QP-20-01-08(5)

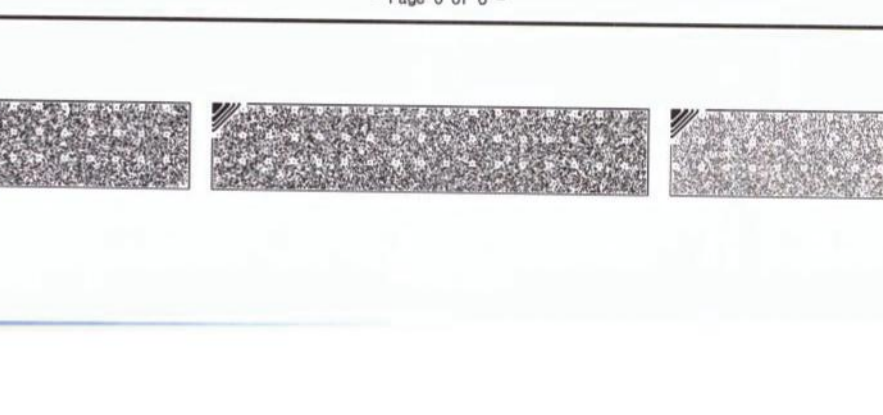


TEST REPORT

No : CT17-119310



<Picture 5. Sample[Vray]>



End of Report

- Page 6 of 6 -

QP-20-01-08(5)

