



TEST REPORT

1. No : CT16-052484_M1
2. Client
 - Name : GREENCOS
 - Address : 56, Dalseong 2cha 1-ro, Guji-myeon, Dalseong-gun, Daegu, Korea
3. Date of Test : 2016.05.03 ~ 2016.05.17
4. Use of Report : Quality control
5. Test Sample : Multipurpose Liquid Detergent
6. Test Method
 - (1) Client's requirement method

Reissuance (R2)
Date : 2016.06.22

Modification (M1)
Date : 2016.05.20



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

2016.05.17

Korea Conformity Laboratories President Kyung Sik Ki *Kyung Sik Ki*

Address : #805, 1' 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



TEST REPORT

No : CT16-052484_M1

7. Test Results

Test Items		Test Results			Test method	Testing Environment
		Early Conc. (CFU/mL)	After 24 h Conc. (CFU/mL)	Reduction rate of bacteria(%)		
Antibacterial test for <i>Escherichia coli</i>	BLANK	1.6×10^4	7.1×10^4	-	Client's requirement method	(37.0 ± 0.1) °C (35.1 ± 0.2) % R.H.
	Multipurpose Liquid Detergent	1.6×10^4	< 10	99.9		
Antibacterial test for <i>Staphylococcus aureus</i>	BLANK	1.1×10^4	3.9×10^4	-		
	Multipurpose Liquid Detergent	1.1×10^4	< 10	99.9		

※ CFU : Colony Forming Unit

※ Inoculum concentration(CFU/mL) : *Escherichia coli* : 1.6×10^6 , *Staphylococcus aureus* : 1.1×10^6

※ Test strain : *Escherichia coli* ATCC 25922
Staphylococcus aureus ATCC 6538

※ Sample : Undiluted solution

※ Client's requirement method : KCL-FIR-1002:2011 (But, Sample : Undiluted solution)

TEST REPORT

No : CT16-052484_M1



<Picture 1. *Escherichia coli* - BLANK (24 h)>



<Picture 2. *Escherichia coli* - Multipurpose Liquid Detergent (24 h)>

TEST REPORT

No : CT16-052484_M1



<Picture 3. *Staphylococcus aureus* - BLANK (24 h)>



<Picture 4. *Staphylococcus aureus* - Multipurpose Liquid Detergent (24 h)>

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