



## TEST REPORT

Report No : AB0005424(4) Date: 25 Feb 2022

Application No : LB002718(7)

Applicant : C-FORCE BIOTECH LIMITED  
UNIT 17, 7/F, NEW TECH PLAZA,  
NO. 34 TAI YAU STREET, SAN PO KONG,  
KOWLOON, HONG KONG

Sample Description : One (1) submitted sample stated to be C-Force Biotech Antibacterial Sanitizer.  
Article No. : B02205  
Sample Status Upon Receipt : Room Temperature

Date Received : 31 Jan 2022.

Test Period : 09 Feb 2022 to 24 Feb 2022.

Test Requested : Antibacterial Performance Test

Test Method : Samples (32mL) were applied on a plastic surface area of 64cm<sup>2</sup>. After contact time of 4 hours, 8 hours, 16 hours, test organisms were applied on sample surface and last for 5 minutes. Tests were conducted with reference to BS EN 1276 - 2019. Test organism:  
*Escherichia coli K12* (ATCC 10798)  
*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
Clean Condition, time interval: 5 minutes

Test Result : Refer to the result(s) on page 2.

For and on behalf of  
CMA Industrial Development Foundation Limited

Authorized Signature : \_\_\_\_\_

Choy Oi Lan, Ellen  
Assistant Manager

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Test Result :

Pre-treatment of contact time	Test organism	Result			
		N <sub>0</sub> : Bacterial concentrations (CFU/mL)	Na: Viable bacteria count after 5 minutes (CFU/mL)	% Reduction	Log reduction
4 hours	<i>Escherichia coli</i> K12 (ATCC 10798)	2.7 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.43
	<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1.4 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.14
	<i>Staphylococcus aureus</i> (ATCC 6538)	2.3 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.36
8 hours	<i>Escherichia coli</i> K12 (ATCC 10798)	2.8 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.44
	<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1.5 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.17
	<i>Staphylococcus aureus</i> (ATCC 6538)	2.3 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.35
16 hours	<i>Escherichia coli</i> K12 (ATCC 10798)	2.6 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.42
	<i>Pseudomonas aeruginosa</i> (ATCC 15442)	1.5 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.18
	<i>Staphylococcus aureus</i> (ATCC 6538)	2.4 x 10 <sup>7</sup>	<1.0 x 10 <sup>1</sup>	>99.999%	> 6.37

- Note :
1. CFU/mL denotes colony forming unit per millilitre
  2. To meet the requirements of EN 1276 for general purpose disinfection, Log<sub>10</sub> reduction ≥ 5.  
% Reduction : [(N<sub>0</sub>-N<sub>a</sub>) / N<sub>0</sub> x 100%]; Log reduction: Log N<sub>0</sub> - Log N<sub>a</sub>
  3. Test conditions -:  
 Interfering substance : 0.3g/l bovine albumin = clean conditions  
 Storage conditions : room temperature  
 Test temperature : 20±1°C  
 Temperature incubation : 36±1°C

\*\*\*\*\* End of Report \*\*\*\*\* End of Report \*\*\*\*\*