
TEST REPORT

Company: NaoClean Asia
10 Anson Road, #30-05
Singapore 079903

Attn: Peter Kim/ Dennis
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Report Date: 30 Apr 2020
Sample Received Date: 20 Apr 2020
Sample Test Date: 21 Apr-29 Apr 2020
Report No.: 2020-04-20-001-M

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SUBJECT

Disinfectant Efficacy Test

DESCRIPTION OF SAMPLE

One liquid samples “NaoClean Multi-purpose Antiseptic Disinfectant” was submitted.
Storage condition: Room temperature

METHOD OF TEST

European Standard, NF EN 1040

“Chemical disinfectants and antiseptics – Quantitative suspension test for the evaluation of basic bactericidal activity of chemical disinfectants and antiseptics – Test method and requirements (phase 1)”.

The test microorganisms used were:

Staphylococcus aureus (ATCC 6538)
Escherichia coli (ATCC 11229)
Pseudomonas aeruginosa (ATCC 15442)

Contact time: 5 minutes

Incubation temperature: 37°C ± 1°C

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Results:

Product Name : NaoClean Multi-purpose Antiseptic Disinfectant

Test Microorganism : *Staphylococcus aureus* (ATCC 6538)

Contact Time	Initial Count of Test Microorganism per mL of Test Mixture		Count of Surviving Test Microorganism per mL		Log Reduction	Percentage Kill of Test Microorganism
	CFU per mL	Log ₁₀	CFU per mL	Log ₁₀		
5 minutes	6,000,000	6.78	1083	3.03	3.75	99.98

Test Microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

Contact Time	Initial Count of Test Microorganism per mL of Test Mixture		Count of Surviving Test Microorganism per mL		Log Reduction	Percentage Kill of Test Microorganism
	CFU per mL	Log ₁₀	CFU per mL	Log ₁₀		
5 minutes	12,800,000	7.11	More than 3300	More than 3.52	Less than 3.59	Less than 99.97

Test Microorganism : *Escherichia coli* (ATCC 11229)

Contact Time	Initial Count of Test Microorganism per mL of Test Mixture		Count of Surviving Test Microorganism per mL		Log Reduction	Percentage Kill of Test Microorganism
	CFU per mL	Log ₁₀	CFU per mL	Log ₁₀		
5 minutes	9,780,000	6.99	12	1.08	5.91	99.9999

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