

TEST REPORT: 7191136755-CHM16-01-RC

Date: 27 APR 2016

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Client's Ref:

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SUBJECT

Antimicrobial Activity Evaluation

CLIENT

Dynamic Auto Pte Ltd
25 International Business Park
#02-53 German Centre
Singapore 609916

Attn : Nicholas

SAMPLE SUBMISSION DATE/ TEST DATE

07 Apr 2016 / 07 Apr 2016

DESCRIPTION OF SAMPLE

One liquid sample labelled as "Bactakleen Anti Bacteria" was submitted.

METHOD OF TEST

BS EN 1040 : 2005

"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)
Pseudomonas aeruginosa (ATCC 15442)

Dilution tested : Neat
Contact time : 5 minutes



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TEST REPORT: 7191136755-CHM16-01-RC
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RESULTS

Product Name : "Bactakleen Anti Bacteria"

Test Microorganism : *Staphylococcus aureus* (ATCC 6538)

Concentration / 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		
Neat 5 minutes	43 000 000	7.63	Less than 10	Less than 1	More than 6.63	More than 99.99998

Test Microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

Concentration / 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		
Neat 5 minutes	130 000 000	8.11	Less than 10	Less than 1	More than 7.11	More than 99.999992

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27 APR 2016



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Remarks :

The product shall be deemed to have passed the test if it demonstrates a **5 Log reduction or more** (at least >99.999% kill) in viability within 5 minutes or less under the conditions defined by this test when the test organisms are *Staphylococcus aureus* and *Pseudomonas aeruginosa*.

This test method evaluates the basic bactericidal activity of chemical disinfectants with no specific application. It does not evaluate the activity of a product for an intended use. More specific test methods are used for further assessment of the efficacy of chemical disinfectants and antiseptics for a defined purpose.

The above test results relate to the sample as received.

Handwritten signature of Ms Aw Hwee Ying in black ink.

MS AW HWEE YING
HIGHER TECHNICAL EXECUTIVE

Handwritten signature of Mr Randy Chin Kok Fei in black ink.

MR RANDY CHIN KOK FEI
ASSISTANT PRODUCT MANAGER
MICROBIOLOGY
CHEMICAL & MATERIALS



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July 2011

