

TEST REPORT: 7191189577-CHM18-01-RC

Date: 12 JUL 2018

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Client's Ref:

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SUBJECT

Antimicrobial Activity Evaluation

CLIENT

Perfect Part Provider Co., Ltd (Head Office)
170/34 Moo 5 Bangkadi
Mueang Pathum Thani,
Pathum Thani 12000

SAMPLE SUBMISSION DATE/ TEST DATE

20 Jun 2018 / 29 Jun 2018

DESCRIPTION OF SAMPLE

One liquid sample labelled as below was submitted.

Product: MAXP GERM KILLER

METHOD OF TEST

Based on 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 :

Legionella pneumophilla (ATCC 33152)

Dilution tested : Neat

Contact time : 3, 5 and 10 minutes

Neutralization method: Membrane Filtration

Test temperature: 20±1°C

Incubation temperature: 36±1°C



TÜV SÜD PSB

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RESULTS

Product : MAXP GERM KILLER

Validation and controls

Controls	Validation Suspension (Nv ₀)	30<Nv ₀ <160 (Pass / Fail)	Control (A)	Neutralizer Control (B)	Method Validation (C) Product Concentration: Neat	B and C ≥0.5 x Nv ₀ (Pass / Fail)
<i>Legionella pneumophilla</i> (ATCC 33152)	69	Pass	35	35	36	Pass

Test Microorganism : *Legionella pneumophilla* (ATCC 33152)

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						
3 minutes	36 000 000	7.56	Less than 10	Less than 1.0	More than 6.56	More than 99.99997
5 minutes	36 000 000	7.56	Less than 10	Less than 1.0	More than 6.56	More than 99.99997
10 minutes	36 000 000	7.56	Less than 10	Less than 1.0	More than 6.56	More than 99.99997

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Remarks :

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.

A handwritten signature in black ink, appearing to read 'Hwy'.

MS AW HWEE YING
HIGHER TECHNICAL EXECUTIVE

A handwritten signature in black ink, appearing to read 'Randy'.

MR RANDY CHIN KOK FEI
PRODUCT MANAGER
MICROBIOLOGY
CHEMICAL & MATERIALS



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July 2011

