

## TEST REPORT: 7191128892-CHM16-04-RC

Date: 13 JAN 2016

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Client's Ref:

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### **SUBJECT**

Antimicrobial Activity Evaluation

### **CLIENT**

DUPREX Singapore Pte Ltd  
Blk 5047 Ang Mo Kio Industrial Park 2  
#01-607  
Singapore 569550

Attn : Bernard Yio

### **SAMPLE SUBMISSION DATE/ TEST DATE**

30 Nov 2015 / 09 Dec 2015

### **DESCRIPTION OF SAMPLE**

One liquid sample labelled as "Air Sanitizer" 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



TÜV SÜD PSB

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**RESULTS**

Product Name : "Air Sanitizer"

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 <sub>10</sub>	CFU per ml	Log <sub>10</sub>		
<b>Neat</b> 5 minutes	73 000 000	7.86	Less than 10	Less than 1	More than 6.86	More than 99.99999

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 <sub>10</sub>	CFU per ml	Log <sub>10</sub>		
<b>Neat</b> 5 minutes	72 000 000	7.86	Less than 10	Less than 1	More than 6.86	More than 99.99999

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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

