

# TEST REPORT: 719191304-CHM10-LYP

Date: 04 JAN 2011

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## SUBJECT

Bactericidal Activity Test

## CLIENT

Calfarme (Singapore) Pte Ltd  
20 Ang Mo Kio Industrial Park 2A  
#06-18  
Singapore 567761

Attn : Mr. Ooi Delvin

## SAMPLE SUBMISSION DATE / TEST DATE

07 Dec 2010 / 08 and 21 Dec 2010

## DESCRIPTION OF SAMPLE

One sample consists of two bottles of "FOAMCARE NON-RINSE INSTANT HAND SANITIZER/ TOILET SEAT SANITIZER" (2 x 1000ml)

## 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)



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LA-2007-0382-B  
LA-2007-0383-G  
LA-2007-0384-G  
LA-2007-0385-E  
LA-2007-0386-C

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## RESULTS

Product Name : "FOAMCARE NON-RINSE INSTANT HAND SANITIZER/ TOILET SEAT SANITIZER"

Test Microorganism : *Staphylococcus aureus* (ATCC 6538)

Dilution / 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>						
1 Minute	120 000 000	8.08	Less than 10	Less than 1	More than 7.08	More than 99.999992
5 Minutes	120 000 000	8.08	Less than 10	Less than 1	More than 7.08	More than 99.999992

Test Microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

Dilution / 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>						
1 Minute	120 000 000	8.08	Less than 10	Less than 1	More than 7.08	More than 99.999992
5 Minutes	120 000 000	8.08	Less than 10	Less than 1	More than 7.08	More than 99.999992

### Notes :

CFU : Colony Forming Unit

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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.

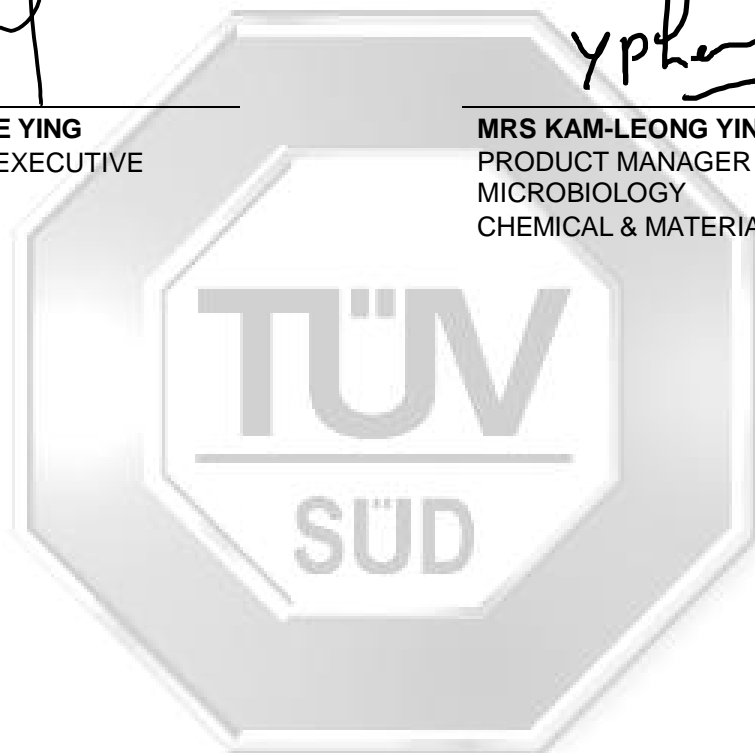
The above test results relate to the sample as received.

Handwritten signature of MS AW HWEE YING in black ink.

**MS AW HWEE YING**  
TECHNICAL EXECUTIVE

Handwritten signature of MRS KAM-LEONG YIN PHENG in black ink.

**MRS KAM-LEONG YIN PHENG**  
PRODUCT MANAGER  
MICROBIOLOGY  
CHEMICAL & MATERIALS



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March 2010