

# TEST REPORT: 7191245389-CHM20-02-RC

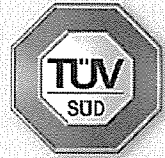
Date: 01 OCT 2020

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Client's Ref:

Email: Randy.CHIN@tuvsud.com

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## SUBJECT

Antibacterial Activity Evaluation

## CLIENT

CLP International Pte Ltd  
2 Tanjong Penjuru  
Singapore 609017

Attn : Chong Chyang Ngan

## SAMPLE SUBMISSION DATE / TEST DATE

25 Aug 2020 / 24 Sep 2020

## DESCRIPTION OF SAMPLE

One coated sample labelled as below was submitted by the above company. The sample was placed at room temperature for 30 days prior to testing.

Sample Description : Rub & Clean AM Coat

## METHOD OF TEST

JIS Z 2801:2010/A1:2012

"Antibacterial products – Test for antibacterial activity and efficacy".

The test microorganisms used were :

*Staphylococcus aureus* (ATCC 6538P)

*Escherichia coli* (ATCC 8739)

Size of Coated Sample: 5 cm x 5 cm

Size of Uncoated Sample: 5 cm x 5 cm

Size of film: 4 cm x 4 cm polyethylene film

Volume of test inoculum : 0.2 ml



LA-2007-0380-A LA-2007-0386-C  
LA-2007-0381-F LA-2010-0464-D  
LA-2007-0382-B LA-2018-0702-B  
LA-2007-0383-G LA-2018-0703-G  
LA-2007-0384-G LA-2020-0747-L  
LA-2007-0385-E

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

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**RESULTS**

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Value of Antibacterial Activity (Criteria : Not less than 2.0)
	0 hour	24 hours	
<i>Staphylococcus aureus</i> (ATCC 6538P)			
Uncoated Sample (Blank)	110 000	97 000	-
Sample Description: Rub & Clean AM Coat		Less than 10	More than 3.99

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Value of Antibacterial Activity (Criteria : Not less than 2.0)
	0 hour	24 hours	
<i>Escherichia coli</i> (ATCC 8739)			
Uncoated Sample (Blank)	150 000	1 100 000	-
Sample Description: Rub & Clean AM Coat	-	Less than 10	More than 5.05

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Remarks :

The above test results relate to the samples as received.

A handwritten signature in black ink, appearing to be 'CX'.

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**MS CHUA XINNI**  
HIGHER TECHNICAL  
EXECUTIVE

A handwritten signature in black ink, appearing to be 'WY'.

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**MS CHEW WAN YU**  
EXECUTIVE MICROBIOLOGIST  
MICROBIOLOGY  
CHEMICAL & MATERIALS



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01 OCT 2020



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Effective 01 September 2020

