

TEST REPORT: 7191052070-CHM13-LYP

Date: 07 FEB 2013

Tel: +65 68851346 Fax: +65 67732912

Client's Ref:

Email: Yin-Pheng.LEONG@tuv-sud-psb.sg

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Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: testing@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
3 Science Park Drive, #04-01/05
The Franklin, Singapore 118223

RESULTS

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Value of Antimicrobial Activity (Criteria : Not less than 2.0)
	0 hour	24 hours	
<i>Staphylococcus aureus</i> (ATCC 6538P) (3.6×10^5 cells)			
Blank Panel (Control)	450 000	15 000 000	-
Sample panel – Ceramic Chip coated with "Titanium Oxide"	-	210	4.85

Test microorganism (Bacterial cells inoculated per test piece)	Average of the number of viable cells of test microorganism per test piece		Value of Antimicrobial Activity (Criteria : Not less than 2.0)
	0 hour	24 hours	
<i>Escherichia coli</i> (ATCC 8739) (2.8×10^5 cells)			
Blank Panel (Control)	180 000	6 500 000	-
Sample panel – Ceramic Chip coated with "Titanium Oxide"	-	910	3.85

Note :

The value of Antimicrobial Activity was calculated as \log_{10} of average of the number of viable bacterial cells on the Control panel after 24 hours minus the \log_{10} of average of the number of viable bacterial cells on the Sample panel after 24 hours.



Remarks:

The above test results relate to the sample as received.

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

MR RANDY CHIN KOK FEI
MICROBIOLOGIST

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

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



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July 2011

