

国際認定証

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TEST REPORT: 7191136755-CHM16-01-RC
 Date: 27 APR 2016 Tel: +65 62951345 Fax: +65 67732912
 Client's Ref: Email: Randy.CHEN@tuv-sud.sg
 Note: This report is issued subject to the Testing and Certification Regulations of the TUV SUD Group and the General Terms and Conditions of Business of TUV SUD PSE Ltd. In addition, this report is governed by the terms set out within this report.



SUBJECT

Antimicrobial Activity Evaluation

CLIENT
 Dynamic Auto Pte Ltd
 25 International Business Park
 #02-53 German Centre
 Singapore 627916
 Attn: Nicholas

SAMPLE SUBMISSION DATE/TEST DATE
 07 Apr 2016/07 Apr 2016

DESCRIPTION OF SAMPLE
 One liquid sample labelled as "Bactakleen Air Bacteria" was submitted.

METHOD OF TEST

ISO 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 6530)
Pseudomonas aeruginosa (ATCC 27442)

Dilution tested: Neuf
 Contact time: 5 minutes



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SAMPLE ID : CU/AI02439-AI02442/2015
LAB ID : CU/142050-142053/2015
BATCH NO : CU/2015-08-25-18-21-24
DATE : 2 September 2015
P/O NO : *

CERTIFICATE OF ANALYSIS

CLIENT : AUTOMOTIVE SYNERGY INCORPORATED SEN BHD
 UNIT 101, BLOCK C,
 DAMANSARA UTAMA,
 47800 PETALING JAYA.

SAMPLE DESCRIPTION : ONE (1) SAMPLE OF ULTRA MIST

SAMPLE RECEIVED : 25 AUGUST 2015

SAMPLE MARKING : 1) Initial Bacterial Load (AI02439)
 2) Contact Time: 10 minutes (AI02440)
 3) Contact Time: 30 minutes (AI02441)
 4) Contact Time: 60 minutes (AI02442)

TEST PARAMETER	UNIT	TEST METHOD	RESULTS			
			AI02439	AI02440	AI02441	AI02442
Staphylococcus aureus (ATCC 29522)	cfu/g	In-house Method	2.0 x 10 ⁶	<100	<100	<100
Percentage of Test Microorganism Killed (%)			>99.99	>99.99	>99.99	>99.99
Pseudomonas aeruginosa (ATCC 27432)	cfu/g	In-house Method	3.8 x 10 ⁶	<10	<10	<10
Percentage of Test Microorganism Killed (%)			>99.99	>99.99	>99.99	>99.99

Remarks:
 One sample of Ultra Mist was submitted for bacterial removal efficiency testing. A pre-cultured bacterial suspension was first prepared and its colony count was estimated. After that, the bacterial test suspension was inoculated into the sample and tested after contact time of 10 minutes, 30 minutes and 60 minutes. The results obtained are shown in the table as above.

[Signature]
 Frank Piat Hui BSC
 Microbiologist

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CERTIFICATE OF ANALYSIS

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 47300 Petaling Jaya, Selangor.

Lab No. : PS 5MS 2878 10 (6)
Page : 1 of 1

Sample Description : One (One) sample of Wash
Date Sample Received : 8th October 2015
Date Analyzed : 26th November 2015 - 29th November 2015
Date Reported : 29th November 2015

MICROBIOLOGICAL ANALYSIS:

Sample Marking	Wash, Line Plate Count, cfu/ml
Fertilization Medium (after 7 week Incubation)	No Growth (0/10)

This Method is a Reference Method based on Comparison of Methods for the Microbiological Examination of Foods by AFNOR 1992

[Signature]
 Naimul Hossain
 Microbiologist

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