

TEST REPORT: 719174126-CHM10-LYP_CR1

Date: 16 JUN 2010

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SUBJECT

Antimicrobial Efficacy Test

CLIENT

Vance Chemicals Pte Ltd
No. 24 Gul Lane
Singapore 629418

Attn : Luo Nathan

SAMPLE SUBMISSION DATE/ TEST PERIOD

15 Apr 2010 / 26 Apr 2010 to 14 Jun 2010

DESCRIPTION OF SAMPLE

3 spray cans of "Mr Mckenic" The Germ Killer.

METHOD OF TEST

AOAC Official Method 961.02, "Germicidal Spray Products and Disinfectants" (2000)

The test microorganisms used:

Salmonella cholerasuis (ATCC 10708)
Staphylococcus aureus (ATCC 6538)
Pseudomonas aeruginosa (ATCC 15442)
Methicillin-resistant *Staphylococcus aureus* (MRSA) (NCTC 12493)



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RESULTS

Test microorganism : *Salmonella cholerasuis* (ATCC 10708)

Sample		Observation of test-specimens at the end of incubation period
"Mr Mckenic" The Germ Killer	# 1	No bacterial growth
	# 2	
	# 3	
	# 4	
	# 5	
	# 6	
	# 7	
	# 8	
	# 9	
	# 10	
Viability Control	#1	Bacterial growth
	#2	

Test microorganism : *Staphylococcus aureus* (ATCC 6538)

Sample		Observation of test-specimens at the end of incubation period
"Mr Mckenic" The Germ Killer	# 1	No bacterial growth
	# 2	
	# 3	
	# 4	
	# 5	
	# 6	
	# 7	
	# 8	
	# 9	
	# 10	
Viability Control	#1	Bacterial growth
	#2	

RESULTS (cont'd)

Test microorganism : *Pseudomonas aeruginosa* (ATCC 15442)

Sample		Observation of test-specimens at the end of incubation period
"Mr Mckenic" The Germ Killer	# 1	No bacterial growth
	# 2	
	# 3	
	# 4	
	# 5	
	# 6	
	# 7	
	# 8	
	# 9	
	# 10	
Viability Control	#1	Bacterial growth
	#2	

Test microorganism : Methicillin-resistant *Staphylococcus aureus* (MRSA) (NCTC 12493)

Sample		Observation of test-specimens at the end of incubation period
"Mr Mckenic" The Germ Killer	# 1	No bacterial growth
	# 2	
	# 3	
	# 4	
	# 5	
	# 6	
	# 7	
	# 8	
	# 9	
	# 10	
Viability Control	#1	Bacterial growth
	#2	

Amendments:

The columns "Observation for Bacteriostasis Effect" were removed from all the tables. They are replaced by the following statement:

The sample met the requirement of the tests for Bacteriostasis Effect.

Remarks :

The results indicate that "Mr Mckenic" The Germ Killer meets the requirement for AOAC Official Method 961.02, "Germicidal Spray Products and Disinfectants" (2000) using the test microorganisms.

The above test results related to the samples as received.



MS AW HWEE YING
TECHNICAL EXECUTIVE



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

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March 2010