

Rubbedin Pty Ltd
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AU

Client Account Number: A00857746AP9AP
Eurofins Quote Number: Q6FPPH20000707

Eurofins Sample Number NJ24AA5447-1

Original Received Date:	17-May-2024
Description:	Washing Machine Deep Cleaner and Disinfectant, 250mL
Lot Number:	2398
Containers Submitted:	3 Bottle(s)

Analysis

Time Kill Test

Refer to Attachment # 1

Modification from EN 1276 to a single concentration.

Method: EN1276:2019; TMD 110 (Modified)

Analysis Date: 29-May-2024

Contracted Company: Eurofins ams Laboratories (Sydney)

179 Magowar Road, Girraween, NSW 2145 Australia
SampleReceiptAMS@eurofins.com

TGA Licence No: MI-2021-LI-08995-1 APVMA Licence No: 6241

Results are related to Sample(s) identified in this report. Samples were tested as received. Specifications (if) reported are directed and/or provided by the client. The report is not to be reproduced except in full without the approval of the laboratory.

Questions about this report should be directed to your project manager or the general email listed above.

Test Conditions	
Test Concentration	1:90 (in Hard water)
Contact Time	25 Minutes
Neutraliser/ Dilution	T6 (1:10)
Test Conditions	Clean (0.03% BSA)
Test Temperature	60°C

RESULTS

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log ₁₀)	CFU/mL (Log ₁₀)	Log reduction
<i>S. aureus</i> ATCC 6538	2.50 x 10 ⁷ (7.40)	<10 (<1.00)	>6.40
<i>E. coli</i> ATCC 10536	5.15 x 10 ⁷ (7.71)	<10 (<1.00)	>6.71
<i>P.aeruginosa</i> ATCC 15442	4.50 x 10 ⁷ (7.65)	<10 (<1.00)	>6.65
<i>E. hirae</i> ATCC 10541	3.15 x 10 ⁷ (7.50)	<10 (<1.00)	>6.50
<i>S.choleraesuis</i> ATCC 10708	4.35 x 10 ⁷ (7.64)	<10 (<1.00)	>6.64

CFU = Colony Forming Unit

Table 2 Neutralisation Validation Results					
Organisms	Validation suspension (Nv)	Experimental condition (A)	Neutralizer control (B)	Method validation (C)	Pass/Fail
<i>S. aureus</i> ATCC 6538	39	36	42	41	Pass
<i>E. coli</i> ATCC 10536	100	89	84	88	Pass
<i>P.aeruginosa</i> ATCC 15442	42	48	44	47	Pass
<i>E. hirae</i> ATCC 10541	61	58	64	62	Pass
<i>S.choleraesuis</i> ATCC 10708	74	69	67	66	Pass

A, B & C must be $\geq 0.5Nv$

COMMENTS: The product showed greater than 6 log reduction against *S. aureus*, *E.coli*, *P.aeruginosa*, *E. hirae* and *S.choleraesuis* at 25 Minutes contact time.