

Sirron Holdings t_a Zexa Cleaning Chemicals
 28 Strathmore Road
 Caves Beach, NSW 2281
 AU

Client Account Number: A008365858QL
 Eurofins Quote Number: UF8DPH20006803

Eurofins Sample Number NJ20AA7178-5

Original Received Date:	02-Jun-2020
Description:	Zexa Sure Shield 360 PLUS 500mL; Expiry Date: 28-May-2021
Lot Number:	28/05/2020
Containers Submitted:	1 Bottle(s)

Analysis	Result
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Time Kill Test	See Attached Report for Result
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Refer to Attachment # 1	----
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Method: TMD 110, EN13727
 Analysis Date: 19-Jun-2020

Supplemental Information

Samples were tested as received. Specifications (if) reported are as provided by the client.

Contracted Company: Eurofins ams Laboratories Sydney

8, Rachael Close, Silverwater, NSW 2128 Australia
 amslabs@eurofins.com

TGA Licence No: MI-15112007-LI-002191-11 APVMA Licence No: 6139

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

Test Conditions	
Test Concentration	Neat
Contact Time	1 Minute
Neutraliser/ Dilution	T6 1:10 - <i>E.coli</i> , <i>P.aeruginosa</i> and <i>E.hirae</i> T6 1:100 - <i>S.aureus</i>
Test Conditions	Dirty 0.3% BSA + 0.3% Sheep Erythrocyte
Test Temperature	Room Temperature

RESULTS

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log ₁₀)	1 Minute	
		CFU/mL (Log ₁₀)	Log reduction
<i>S.aureus</i> ATCC 6538	2.22 x 10 ⁷ (7.35)	<100 (<2.00)	>5.35
<i>E.coli</i> NCTC 10538	2.45 x 10 ⁷ (7.39)	<10 (<1.00)	>6.39
<i>P.aeruginosa</i> ATCC 15442	8.55 x 10 ⁷ (7.93)	<10 (<1.00)	>6.93
<i>E.hirae</i> ATCC 10541	3.25 x 10 ⁷ (7.51)	<10 (<1.00)	>6.51

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	26	25	31	18	Pass
<i>E.coli</i> NCTC 10538	28	27	28	22	Pass
<i>P.aeruginosa</i> ATCC 15442	85	65	94	68	Pass
<i>E.hirae</i> ATCC 10541	33	26	29	30	Pass

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

COMMENTS: The product showed greater than 5 log reduction against *S.aureus*, *E.coli*, *P.aeruginosa* and *E.hirae* at 1 Minute contact time.