

Sirron Holdings t\_a Zexa Cleaning Chemicals  
 28 Strathmore Road  
 Caves Beach, NSW 2281  
 AU

Client Account Number: A008365858QL  
 Eurofins Quote Number: UF8DPH20006802

<b>Eurofins Sample Number NJ20AA4151-1</b>	
<b>Original Received Date:</b>	31-Mar-2020
<b>Description:</b>	Zexa Sure Shield Hand Sanitizer 500mL; Expiry Date: 28/7/21
<b>Containers Submitted:</b>	1 Bottle(s)

Analysis	Result
<b>Time Kill Test</b>	See Attached Report for Result
Refer to Attachment # 1	----
Method: TMD 110	
Analysis Date: 31-Mar-2020	

<b>Supplemental Information</b>
Samples were tested as received. Specifications (if) reported are as provided by the client.

<b>Contracted Company: Eurofins ams Laboratories Sydney</b>
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 1:100 ( <i>E.hirae</i> ), T6 1:10 (other organisms)
Test Conditions	0.03% BSA
Test Temperature	Room Temperature
Reference Standard	EN13727

### RESULTS

Table 1: Surviving organisms after exposure to the Product under Test			
Organism	Inoculum Control Count	Surviving Test Organisms	
	CFU/mL (Log <sub>10</sub> )	1 minute	
		CFU/mL (Log <sub>10</sub> )	Log reduction
<i>Staphylococcus aureus</i> ATCC 6538	3.35x10 <sup>7</sup> (7.53)	<10 (<1.00)	>6.53
<i>Escherichia coli</i> NCTC 10538	2.45x10 <sup>7</sup> (7.39)	<10 (<1.00)	>6.39
<i>Pseudomonas aeruginosa</i> ATCC 15442	2.95x10 <sup>7</sup> (7.47)	<10 (<1.00)	>6.47
<i>Enterococcus hirae</i> ATCC 10541	2.20x10 <sup>7</sup> (7.34)	<100 (<2.00)	>5.34

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>	21	20	21	19	Pass
<i>E.coli</i>	22	21	25	29	Pass
<i>P.aeruginosa</i>	22	26	26	25	Pass
<i>E.hirae</i>	18	18	21	16	Pass

**A, B & C must be  $\geq 0.5N_v$**

**COMMENTS:** The product showed greater than 5 log reduction against *E.hirae* and greater than 6 log reduction against all other organisms at 1 minute contact time.