

Certificate of Analysis
 Dated: 08/12/2016

CLIENT: Hydro Ecotech PTY LTD UNIT 1, 63-79 Parramatta Rd Silverwater 2128	REF NO: 1629021R
ATTN: Stephen Kwan	ORDER NO: Not given
SAMPLE DESCRIPTION: 1 x 1L Super Alkaline Water – Sample 2 Batch: May 2016	DATE RECEIVED: 29/11/2016 DATE COMMENCED: 06/12/2016
EXAMINATION: Anti-microbial Activity Challenge Test (Time-Kill Study)	
METHOD: TMD 110	

CONDITIONS:

Test organisms:	<i>Staphylococcus aureus</i>	ATCC 6838
	<i>Escherichia coli</i>	ATCC 10536
Test Concentration:	Neat	
Contact Time:	5 minutes	
Neutraliser:	T6 1:10	
Test Conditions:	Clean conditions	
Test Temperature:	Ambient (20±2°C)	

RESULTS:

Table 1: Surviving organisms after exposure to Hekleen Water


Contact Time	Inoculum count		Super Alkaline Water – Sample 2	
	CFU/mL (Log ₁₀)	Log ₁₀	CFU/mL (Log ₁₀)	Log Red.
5 minutes				
<i>S. aureus</i>	4.1 x 10 ⁶	[6.61]	<10 [1.00]	>5.61
<i>E. coli</i>	3.4 x 10 ⁶	[6.53]	<10 [1.00]	>5.53

CFU = Colony Forming Unit

COMMENTS:

The sample "Super Alkaline water – Sample 2" has shown greater than 5 log reduction against *E. coli* and *S. aureus* when tested under conditions described above.

Signed:


 Teresa Susanto, BSc.,
 Project Team Leader, Sterile Products Testing

Reference No: 1629021R
 THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL

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