

Certificate of Analysis

Dated: 30/05/2016

CLIENT: Hydro Ecotech PTY LTD
 UNIT 1, 63-79
 Parramatta Rd
 Silverwater 2128

REF NO: 1612564

ATTN: Stephen Kwan

ORDER NO: Not given

SAMPLE DESCRIPTION:
 Hekleen Water

DATE RECEIVED: 23/05/2016

DATE COMMENCED: 27/05/2016

EXAMINATION: Anti-microbial Activity Challenge Test (Time-Kill Study)

METHOD: BS EN 1276 (1997)

CONDITIONS:

Test organisms:	<i>Staphylococcus aureus</i>	ATCC 6838
Test Concentration:	Neat	
Contact Time:	30 Seconds	
Neutraliser:	T5 1:10 (5% Tween 80 + 3% Lecithin + 0.5% L- Histidine + 0.1% Na Thiosulphate)	
Test Conditions:	Clean conditions (Bovine Serum Albumin 0.03%)	
Test Temperature:	Ambient (20±2°C)	

RESULTS:
Table 1: Surviving organisms after exposure to Hekleen Water

Contact Time	Inoculum count		Hekleen Water	
	CFU/mL (Log ₁₀)	Log ₁₀	CFU/mL (Log ₁₀)	Log Red.
30 seconds				
<i>S.aureus</i>	2.2 x 10 ⁷	[7.34]	7.0 x 10 ¹ [1.85]	5.49

CFU = Colony Forming Unit

COMMENTS:

 The sample "**Hekleen water**" when has shown significant antimicrobial activity against *S. aureus* by showing >5 log reduction, when tested under conditions described above.

Signed:

 Imtiaz Ahmed 
 Sterile Products Testing Manager

Reference No: 1612564

THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL

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