

Certificate of Analysis

Dated: 05/12/2016

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

REF NO: 1629021

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: 30/11/2016

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

METHOD: TMD 110

CONDITIONS:

Test organisms: *Staphylococcus aureus* ATCC 6838
Escherichia coli ATCC 10536

Test Concentration: Neat

Contact Time: 30 Seconds

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.
30 seconds				
<i>S. aureus</i>	2.8 x 10 ⁴	[4.45]	2.5 x 10 ¹ [1.40]	3.05
<i>E. coli</i>	2.1 x 10 ⁴	[4.32]	<10 [1.00]	>3.32

CFU = Colony Forming Unit

COMMENTS:

The sample "Super Alkaline water – Sample 2" has shown greater than 3 log reduction against *E. coli*, and has shown 3.05 log reduction against *S. aureus* when tested under conditions described above.

Signed:


Imtiaz Ahmed PP Joesa Susanto
Sterile Products Testing Manager

Reference No: 1629021

THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL

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