



Certificate of Analysis

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Client:	TECHO's Backyard Limited	Lab No:	2668588	SPV1
Contact:	Owen Robertson C/- TECHO's Backyard Limited PO Box 16425 Bethlehem Tauranga 3147	Date Received:	13-Aug-2022	
		Date Reported:	16-Aug-2022	
		Quote No:	80209	
		Order No:		
		Client Reference:		
		Submitted By:	Owen Robertson	

Sample Type: Aqueous

Sample Name:	TECHO's Backyard Sample 1 12-Aug-2022 11:30 am		
Lab Number:	2668588.1		
NZGAP Microbiological Water Profile			
Faecal Coliforms	cfu / 100mL	< 1 #1	
Escherichia coli	cfu / 100mL	< 1 #1	

Analyst's Comments

#1 Statistically estimated count based on the theoretical countable range for the stated method.

Summary of Methods

The following table(s) gives a brief description of the methods used to conduct the analyses for this job. The detection limits given below are those attainable in a relatively simple matrix. Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis. A detection limit range indicates the lowest and highest detection limits in the associated suite of analytes. A full listing of compounds and detection limits are available from the laboratory upon request. Unless otherwise indicated, analyses were performed at Hill Laboratories, 28 Duke Street, Frankton, Hamilton 3204.

Sample Type: Aqueous

Test	Method Description	Default Detection Limit	Sample No
NZGAP Microbiological Water Profile			
Faecal Coliforms	Membrane Filtration, Count on mFC agar, Incubated at 44.5°C for 22 hours, Confirmation. APHA 9222 D 23 rd ed. 2017.	1 cfu / 100mL	1
Escherichia coli	Membrane filtration, Count on mFC agar, Incubated at 44.5°C for 22 hours, MUG Confirmation. APHA 9222 I 23 rd ed. 2017.	1 cfu / 100mL	1

These samples were collected by yourselves (or your agent) and analysed as received at the laboratory.

Testing was completed on 16-Aug-2022. For completion dates of individual analyses please contact the laboratory.

Samples are held at the laboratory after reporting for a length of time based on the stability of the samples and analytes being tested (considering any preservation used), and the storage space available. Once the storage period is completed, the samples are discarded unless otherwise agreed with the customer. Extended storage times may incur additional charges.

This certificate of analysis must not be reproduced, except in full, without the written consent of the signatory.

Kevin Wang MSc
Laboratory Technician - Microbiology



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