Symbio LABORATORIES

CERTIFICATE OF ANALYSIS

Symbio LABORATORIES Proudly AUSTRALIAN

ABN: 82 079 645 015

Certificate Number	S1217949-C [R00]	**Page**	1/2
Client	Cool Off	**Registering Laboratory**	Sydney
Contact	Derrick Addison	**Contact**	Customer Service Team
Address	271 Jude Road Howlong NSW 2643	**Address**	2 Sirius Rd, Lane Cove West, NSW 2066
		Email	admin@symbiolabs.com.au
Telephone	02 6026 5466	**Telephone**	1300 703 166
Order Number	---	**Date Samples Received**	08/11/2022
Job Description	Water	**Date Analysis Commenced**	08/11/2022
Client Job Reference	---	**Issue Date**	15/11/2022
No. of Samples Registered	1	Sampler: Customer	**Receipt Temperature (°C)**	Room Temperature
Priority	Normal	**Storage Temperature (°C)**	Refrigerated (0 ~ 4 °C)

NATA
Accreditation No: 2455
Accredited for compliance
with ISO/IEC 17025 - Testing

This report supersedes any previous revision with this reference. This document must not be reproduced, except in full. If samples were provided by the customer, results apply only to the samples 'as received' and responsibility for representative sampling rests with the customer. Results are reported on as 'as is' basis unless otherwise indicated in the 'Report Comments' section. Measurement Uncertainty is available upon request. If the laboratory was authorised to conduct testing on samples received outside of the specified conditions, all test results may be impacted. Details of samples received outside of the specified conditions are mentioned in the sample description section of this test report.

Definitions

| <: Less Than | >: Greater Than | RP: Result Pending | ~: Estimated | MPN: Most Probable Number | CFU: Colony Forming Units | ---: Not Received/Not Requested |
| ^ Subcontracted Analysis| NA:Not Applicable| [NT]:Not Tested| LOR:Limit of Reporting| TBA:To Be Advised| ND:Not Detected| * Test not covered by NATA scope of accreditation | # Result derived from a calculation and includes results equal to or greater than the LOR | IH: Inconsistent results possibly caused by sample homogeneity

Authorised By

Name	Position	Accreditation Category
Glen Rangott	Environmental Laboratory Manager, Brisbane	Environmental Chemistry

Sample Information - *Client/Sampler Supplied*

Sample ID	Sample Description	Remarks
S1217949-C/1	Waste Water Sample 7185	

Analytical Results

Compound/Analyte	Method	LOR	Units	S1217949-C/1
Total Kjeldahl Nitrogen	EFF001 - Nitrogen (Total Kjeldahl) in Water/Effluent	1	mg/L	74
Nitrate (as N)	EFF004.1 - Nitrate-Nitrogen in Water/Effluent FIA	0.005	mg/L	<0.10
Nitrite (as N)	EFF005.1 - Nitrite N in Water by FIA	0.005	mg/L	0.005
pH	EFF006 - pH in Water/Effluent	---	pH Unit	6.39
Solids (Suspended)	EFF009 - Suspended Solids in Water	1	mg/L	980
Dissolved Solids	EFF010 - Dissolved Solids in Water	1	mg/L	270
Chloride	ENV002 - Anions by IC	0.05	mg/L	21
Sulphate	ENV002 - Anions by IC	0.01	mg/L	22
Fluoride	EFF015 - Fluoride in Water	0.05	mg/L	0.08
Oil & Grease	EFF021 - Oil & Grease (Gravimetric) in Water	2	mg/L	95
BOD (5day)	EFF023 - BOD in Water	2	mg/L	670
Total Phosphorus	EFF029.1 - Total N & P in Water by FIA	0.01	mg/L	11
Nitrogen (Total) #	EFF085 - Nitrogen (Total) in Water/Effluent	1	mg/L	74
Turbidity	EFF061 - Turbidity in Water	0.1	NTU	610
Alkalinity Bicarb (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	156
Alkalinity Carbonate (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	<1

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Analytical Results

Compound/Analyte	Method	LOR	Units	S1217949-C/1
Alkalinity Hydroxide(CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	<1
Alkalinity Total (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	156
Electrical Conductivity	EFF007 - Electical Conductivity in Water	5	µS/cm	520
Salinity (Total Soluble Salt)#	EFF041 - Salinity Calculation	2	mg/L	330

Analysis Location

All in-house analysis was completed by Symbio Laboratories - Brisbane.

Report Comments

Laboratory results for pH, chlorine or dissolved oxygen are for information purpose only - testing conducted outside recommended storage time of 0.25hr from sampling.

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