Symbio LABORATORIES

CERTIFICATE OF ANALYSIS

Certificate Number	B2351689 [R00]	**Registering Laboratory**	Brisbane
Client	Cool Off	**Contact**	Customer Service Team
Contact	Caitlyn Gillon	**Address**	52 Brandl Street, Eight Mile Plains, QLD 4113
Address	271 Jude Road Howlong NSW 2643	**Email**	admin@symbiolabs.com.au
Telephone	02 6026 5466	**Telephone**	1300 703 166
Order Number		**Date Sample Received**	09/10/2026 13:27
Job Description	Water	**Date Analysis Commenced**	09/10/2026
Client Job Reference		**Issue Date**	19/10/2026
No. of Samples Registered	1	**Receipt Temperature (°C)**	12
Priority	Normal	**Storage Temperature (°C)**	4

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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 | ---: Not Received/Not Requested | NA: Not Applicable | ND: Not Detected | [NT]: Not Tested | CL: Confidence Level | NL: No MRL Listed | MF: Mixed Food | LOR: Limit of Reporting | TBA: To Be Advised | ^ Subcontracted Analysis | * Test not covered by NATA scope of accreditation | # The result is derived from a calculation incorporating the residue definition of chemicals defined in the Agricultural and Veterinary Chemicals Code (MRL Standard) Instrument 2019. Results equal to or exceeding the LOR are included in the calculation. | IH: Inconsistent results possibly caused by sample homogeneity | The symbol "/" in the Units column of the analytical results table means "in" |

Authorised By

Name	Position	Accreditation Category
Hongmei Kuang	Environmental Laboratory Manager, Brisbane	Environmental Chemistry

Sample Information - Client/Sampler Supplied

Sample ID	Sample Description	Remarks
B2351689/001	1 -September Sample	

Analytical Test Results

Client	Cool Off
Certificate Number	B2351689 [R00]
Job Description	Water

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ABN 82 079 645 015

Compound/Analyte	Method / Based on	LOR	Units	B2351689/001
Boron (Total)	Total Elements in Water by ICP-MS (APHA 3125B)	0.005	mg/L	0.048
Total Kjeldahl Nitrogen	EFF001 - Total Kjeldahl Nitrogen in Water (APHA 4500-Norg B)	1	mg/L	500
Nitrate (as N)	EFF004.1 - Nitrate Nitrogen in Water by FIA (APHA 4500-NO3 F)	0.005	mg/L	0.060
Nitrite (as N)	EFF005.1 - Nitrite Nitrogen in Water by FIA (APHA 4500-NO2 B)	0.005	mg/L	<0.005
pH Value	EFF006 - pH in Water/Effluent (APHA 4500-H+ B)	-	pH Unit	6.33
Electrical Conductivity	EFF007 - Electical Conductivity in Water (APHA 2510 B)	5	µS/cm	3670
Solids - Total Suspended (TSS)	EFF009 - Total Suspended Solids in Water (APHA 2540 D)	1	mg/L	1800
Solids - Total Dissolved (TDS)	EFF010 - Total Dissolved Solids in Water (APHA 2540 C)	1	mg/L	2400
Chloride	ENV002 - Anions by Ion Chromatography (APHA 4110)	0.05	mg/L	116
Fluoride	EFF015 - Fluoride in Water (APHA 4500-F C)	0.05	mg/L	0.07
Sulphate	ENV002 - Anions by Ion Chromatography (APHA 4110)	0.01	mg/L	37
Oil & Grease	EFF021 - Oil & Grease in Water (APHA 5520 B)	2	mg/L	104
Ammonia (as N)	EFF044 - Ammonia Nitrogen in Water by FIA (APHA 4500-NH3 G)	0.005	mg/L	290
BOD (5day)	EFF023 - Biochemical Oxygen Demand in Water (APHA 5210 B)	5	mg/L	770
Phosphorus - Total	EFF029.1 - Total Nitrogen and Total Phosphorus in Water by FIA (APHA 4500-P I)	0.01	mg/L	55
Turbidity	EFF061 - Turbidity in Water (APHA 2130 B)	0.1	NTU	700
Nitrogen - Total #	EFF085 Nitrogen (Total) in Water by Calculation	1	mg/L	500
Salinity (Total Soluble Salt)#	EFF041 - Salinity As Total Soluble Salt in Water (1:5) (APHA 2520B/1030E)	2	mg/L	2300
Magnesium (Dissolved)	Dissolved Elements in Water by ICP-OES (APHA 3120B)	0.05	mg/L	5.2
Calcium (Dissolved)	Dissolved Elements in Water by ICP-OES (APHA 3120B)	0.1	mg/L	13
Alkalinity - Total (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	876
Alkalinity - Bicarbonate (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	876
Alkalinity - Carbonate (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	<1
Alkalinity - Hydroxide (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	<1
Residual Alkalinity	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	meq/L	8
Potassium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.2	mg/L	160
Calcium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.1	mg/L	15
Magnesium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.05	mg/L	5.7
Sodium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	1	mg/L	110

Analysis Location

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

Report Comments

pH testing was conducted outside the recommended 6 hour holding time and the results may not represent conditions at the time of sampling. | |