

CERTIFICATE OF ANALYSIS

ABN: 82 079 645 015

Certificate Number	B2110711 [R00]	Page	1/2
Client	Cool Off	Registering Laboratory	Brisbane
Contact	Caitlyn Gillon	Contact	Customer Service Team
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		Email	admin@symbiolabs.com.au
Telephone	02 6026 5466	Telephone	1300 703 166
Order Number	---	Date Samples Received	19/02/2026 14:09
Job Description	Water	Date Analysis Commenced	19/02/2026 14:40
Client Job Reference	---	Issue Date	27/02/2026
No. of Samples Registered	1 Sampler: Customer	Receipt Temperature (°C)	14
Priority	Normal	Storage Temperature (°C)	4



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

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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
Hongmei Kuang	Environmental Laboratory Manager, Brisbane	Environmental Chemistry

Sample Information - Client/Sampler Supplied

Sample ID	Sample Description	Remarks
B2110711/1	Sample Date:2026-02-16; Sample 1 February Sample	

Analytical Results

Compound/Analyte	Method	LOR	Units	B2110711/1
Boron (Total)	Total Elements in Water by ICP-MS (APHA 3125B)	0.005	mg/L	0.031
Total Kjeldahl Nitrogen	EFF001 - Total Kjeldahl Nitrogen in Water (APHA 4500-Norg B)	1	mg/L	550
Nitrate (as N)	EFF004.1 - Nitrate Nitrogen in Water by FIA (APHA 4500-NO3 F)	0.005	mg/L	0.22
Nitrite (as N)	EFF005.1 - Nitrite Nitrogen in Water by FIA (APHA 4500-NO2 B)	0.005	mg/L	0.010
pH Value	EFF006 - pH in Water/Effluent (APHA 4500-H+ B)	-	pH Unit	6.22
Electrical Conductivity	EFF007 - Electrical Conductivity in Water (APHA 2510 B)	5	µS/cm	2800
Solids - Total Suspended (TSS)	EFF009 - Total Suspended Solids in Water (APHA 2540 D)	1	mg/L	2300
Solids - Total Dissolved (TDS)	EFF010 - Total Dissolved Solids in Water (APHA 2540 C)	1	mg/L	710
Chloride	ENV002 - Anions by Ion Chromatography (APHA 4110)	0.05	mg/L	101
Sulphate	ENV002 - Anions by Ion Chromatography (APHA 4110)	0.01	mg/L	7.6
Fluoride	EFF015 - Fluoride in Water (APHA 4500-F C)	0.05	mg/L	0.08

Analytical Results

Compound/Analyte	Method	LOR	Units	B2110711/1
Oil & Grease	EFF021 - Oil & Grease in Water (APHA 5520 B)	2	mg/L	834
Ammonia (as N)	EFF044 - Ammonia Nitrogen in Water by FIA (APHA 4500-NH3 G)	0.005	mg/L	340
BOD (5day)	EFF023 - Biochemical Oxygen Demand in Water (APHA 5210 B)	2	mg/L	4100
Phosphorus - Total	EFF029.1 - Total Nitrogen and Total Phosphorus in Water by FIA (APHA 4500-P I)	0.01	mg/L	49
Turbidity	EFF061 - Turbidity in Water (APHA 2130 B)	0.1	NTU	2600
Nitrogen - Total #	EFF085 Nitrogen (Total) in Water by Calculation	1	mg/L	550
Salinity (Total Soluble Salt)#	EFF041 - Salinity As Total Soluble Salt in Water (1:5) (APHA 2520B/1030E)	2	mg/L	1800
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	3.6
Alkalinity - Total (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	778
Alkalinity - Bicarbonate (as CaCO3)	EFF031 - Alkalinity (as CaCO3) in water (APHA 2320 B)	1	mg/L	778
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	7
Potassium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.2	mg/L	150
Calcium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.1	mg/L	21
Magnesium (Total)	Total Elements in Water by ICP-OES (APHA 3120B)	0.05	mg/L	5.5
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

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