

CERTIFICATE OF ANALYSIS

Certificate Number	B964802 [R00]	Page	1/2	ABN: 82 079 645 015
Client	Cool Off	Registering Laboratory	Brisbane	
Contact	Derrick Addison	Contact	Customer Service Team	
Address	271 Jude Road Howlong NSW 2643	Address	52 Brandl Street, Eight Mile Plains, QLD 4113	
Telephone	02 6026 5466	Email	admin@symbiolabs.com.au	
Order Number	---	Telephone	1300 703 166	
Job Description	Water	Date Samples Received	06/11/2020	
Client Job Reference	---	Date Analysis Commenced	06/11/2020	
No. of Samples Registered	1 Sampler: Customer	Issue Date	13/11/2020	
Priority	Normal	Receipt Temperature (°C)	5.1	
		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
Glen Rangott	Environmental Laboratory Manager, Brisbane	Environmental Chemistry

Sample Information - Client/Sampler Supplied

Sample ID	Sample Description	Sample Matrix
B964802/1	Water Sample #5284	Water - General

Analytical Results

Compound/Analyte	Method	LOR	Units	B964802/1
Total Kjeldahl Nitrogen	EFF001 - Nitrogen (Total Kjeldahl) in Water/Effluent	1	mg/L	120
Nitrate (as N)	EFF004.1 - Nitrate-Nitrogen in Water/Effluent FIA	0.005	mg/L	<0.25
Nitrite (as N)	EFF005.1 - Nitrite N in Water by FIA	0.005	mg/L	<0.25
pH	EFF006 - pH in Water/Effluent	---	pH Unit	6.22
Electrical Conductivity	EFF007 - Electrical Conductivity in Water	5	µS/cm	1190
Solids (Suspended)	EFF009 - Suspended Solids in Water	1	mg/L	300
Solids (Dissolved)	EFF010 - Dissolved Solids in Water	1	mg/L	410
Chloride	EFF011 - Chloride in Water	2	mg/L	71
Fluoride	EFF015 - Fluoride in Water	0.05	mg/L	0.16
Sulphate	EFF016 - Sulphate in Water	5	mg/L	<5.0
Oil & Grease	EFF021 - Oil & Grease (Gravimetric) in Water	2	mg/L	159
BOD (5day)	EFF023 - BOD in Water	2	mg/L	1000
Total Phosphorus	EFF029.1 - Total N & P in Water by FIA	0.01	mg/L	16
Nitrogen (Total) #	EFF085 - Nitrogen (Total) in Water/Effluent	1	mg/L	120
Potassium (Total)	EWI02 - ICP-AES Acid Extractable (total metals) elements in water	0.2	mg/L	31
Calcium (Total)	EWI02 - ICP-AES Acid Extractable (total metals) elements in water	0.1	mg/L	13

Analytical Results

Compound/Analyte	Method	LOR	Units	B964802/1
Magnesium (Total)	EWI02 - ICP-AES Acid Extractable (total metals) elements in water	0.05	mg/L	7.2
Sodium (Total)	EWI02 - ICP-AES Acid Extractable (total metals) elements in water	1	mg/L	60
Boron (Total)	EWM02 - Total metals in water by ICPMS	0.005	mg/L	0.018
Salinity (Total Soluble Salt)#	EFF041 - Salinity Calculation	2	mg/L	760
Magnesium (Dissolved)	EWI01 - Dissolved metals in Water by ICPOES	0.05	mg/L	7.0
Calcium (Dissolved)	EWI01 - Dissolved metals in Water by ICPOES	0.1	mg/L	4.8
Alkalinity Total (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	318
Alkalinity Bicarb (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	318
Alkalinity Carbonate (CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	<1
Alkalinity Hydroxide(CaCO3)	EFF031 - Alkalinity as CaCO3 in water	1	mg/L	<1
Residual Alkalinity	EFF031 - Alkalinity as CaCO3 in water	1	meq/L	2

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.