

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE	AR-24-NC-028529-01	REPORT DATE	18/09/2024
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Attention Veolia Water Services (ANZ) Pty Ltd
 NZ Queenstown Lab Results
 74 Glenda Drive
 Frankton
 9300 Queenstown
 NEW ZEALAND
Phone 03 450 9240
Email nz.queenstown.lab-results.all.groups@veolia.com

Contact for your orders:	James Thornton	Order code:	EUNZCH-00190509
Contract:	Drinking Water	Purchase Order Number:	7300396221

SAMPLE CODE	817-2024-00106344
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Product:	Raw water	Sampling Point name:	Beacon Point Source, S2906
Sampling Point code:	Q_UWI_BEACON_RAW	Reception temperature:	4.8
Reception Date & Time:	09/09/2024 15:45	Analysis Ending Date:	18/09/2024
Analysis Started on:	09/09/2024	Sampled Date & Time	09/09/2024 10:38
Product Type	Raw water	Sampling Purpose	Monitoring
Sampler(s)	Francisco Cabanas		
Sampled By Eurofins	Yes		

	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
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②NW007 Chloride	Chloride (Cl)	0.63	(± 0.06) mg/l	0.02		
②NW011 Sulphate	Sulphate	2.90	(± 0.29) mg/l	0.02		
②NW003 Total Alkalinity	Alkalinity total	28	mg CaCO3/l	1		
②NW148 Total Antimony	Antimony (Sb)	<0.002	mg/l	0.002	50% MAV 0.01 mg/l	✓ Client Specification
②NW149 Total Arsenic	Arsenic (As)	<0.002	mg/l	0.002	50% MAV 0.005 mg/l	✓ Client Specification
②NW150 Total Barium	Barium (Ba)	<0.005	mg/l	0.005	50% MAV 0.75 mg/l	✓ Client Specification
②NW154 Total Cadmium	Cadmium (Cd)	<0.001	mg/l	0.001	50% MAV 0.002 mg/l	✓ Client Specification
②NW156 Total Calcium	Calcium (Ca)	10.6	mg/l	0.1		
②NW157 Total Chromium	Chromium (Cr)	<0.001	mg/l	0.001	50% MAV 0.025 mg/l	✓ Client Specification
②NW159 Total Copper	Copper (Cu)	0.004	mg/l	0.002	50% MAV 1.0 mg/l	✓ Client Specification
②NW030 Total Hardness	Hardness	29	mg CaCO3/l	1		
②NW161 Total Lead	Lead (Pb)	<0.001	mg/l	0.001	50% MAV 0.005 mg/l	✓ Client Specification
②NW163 Total Magnesium	Magnesium (Mg)	0.6	mg/l	0.1		

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	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW165 Total Mercury Mercury (Hg)	<0.001 mg/l	0.001	50% MAV 0.0035 mg/l ✓ Client Specification
②NW167 Total Nickel Nickel (Ni)	<0.001 mg/l	0.001	50% MAV 0.04 mg/l ✓ Client Specification
②NW171 Total Sodium Sodium (Na)	0.9 mg/l	0.1	

SAMPLE CODE	817-2024-00106347		
Product:	Raw water		
Sampling Point code:	UWI_WESTERN_RAW	Sampling Point name:	Western Source, S2905
Reception Date & Time:	09/09/2024 15:46	Reception temperature:	4.8
Analysis Started on:	09/09/2024	Analysis Ending Date:	18/09/2024
Product Type	Raw water	Sampled Date & Time	09/09/2024 11:55
Sampler(s)	Francisco Cabanas	Sampling Purpose	Monitoring
Sampled By Eurofins	Yes		

	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW007 Chloride Chloride (Cl)	0.64 (± 0.06) mg/l	0.02	
②NW011 Sulphate Sulphate	2.95 (± 0.30) mg/l	0.02	
②NW003 Total Alkalinity Alkalinity total	28 mg CaCO3/l	1	
②NW148 Total Antimony Antimony (Sb)	<0.002 mg/l	0.002	50% MAV 0.01 mg/l ✓ Client Specification
②NW149 Total Arsenic Arsenic (As)	<0.002 mg/l	0.002	50% MAV 0.005 mg/l ✓ Client Specification
②NW150 Total Barium Barium (Ba)	<0.005 mg/l	0.005	50% MAV 0.75 mg/l ✓ Client Specification
②NW154 Total Cadmium Cadmium (Cd)	<0.001 mg/l	0.001	50% MAV 0.002 mg/l ✓ Client Specification
②NW156 Total Calcium Calcium (Ca)	10.9 mg/l	0.1	
②NW157 Total Chromium Chromium (Cr)	<0.001 mg/l	0.001	50% MAV 0.025 mg/l ✓ Client Specification
②NW159 Total Copper Copper (Cu)	0.003 mg/l	0.002	50% MAV 1.0 mg/l ✓ Client Specification
②NW030 Total Hardness Hardness	30 mg CaCO3/l	1	
②NW161 Total Lead Lead (Pb)	<0.001 mg/l	0.001	50% MAV 0.005 mg/l ✓ Client Specification
②NW163 Total Magnesium Magnesium (Mg)	0.6 mg/l	0.1	
②NW165 Total Mercury Mercury (Hg)	<0.001 mg/l	0.001	50% MAV 0.0035 mg/l ✓ Client Specification
②NW167 Total Nickel Nickel (Ni)	<0.001 mg/l	0.001	50% MAV 0.04 mg/l ✓ Client Specification
②NW171 Total Sodium Sodium (Na)	0.9 mg/l	0.1	

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RESULTS (UNCERTAINTY) LOQ SPECIFICATIONS

LIST OF METHODS

<p>NW003 Total Alkalinity: APHA Online Edition 2320 B</p> <p>NW011 Sulphate: APHA Online Edition 4110 B</p> <p>NW148 Total Antimony: APHA Online Edition 3125 B mod.</p> <p>NW150 Total Barium: APHA Online Edition 3125 B mod.</p> <p>NW156 Total Calcium: APHA Online Edition 3125 B mod.</p> <p>NW159 Total Copper: APHA Online Edition 3125 B mod.</p> <p>NW163 Total Magnesium: APHA Online Edition 3125 B mod.</p> <p>NW167 Total Nickel: APHA Online Edition 3125 B mod.</p>	<p>NW007 Chloride: APHA Online Edition 4110 B</p> <p>NW030 Total Hardness: APHA Online Edition 2340 B</p> <p>NW149 Total Arsenic: APHA Online Edition 3125 B mod.</p> <p>NW154 Total Cadmium: APHA Online Edition 3125 B mod.</p> <p>NW157 Total Chromium: APHA Online Edition 3125 B mod.</p> <p>NW161 Total Lead: APHA Online Edition 3125 B mod.</p> <p>NW165 Total Mercury: APHA Online Edition 3125 B mod.</p> <p>NW171 Total Sodium: APHA Online Edition 3125 B mod.</p>
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Signature



David Hoekendijk Team Lead KTP

EXPLANATORY NOTE

- ① Test is not accredited
- ② Test is subcontracted within Eurofins group and is accredited
- ③ Test is subcontracted within Eurofins group and is not accredited
- ④ Test is subcontracted outside Eurofins group and is accredited
- ⑤ Test is subcontracted outside Eurofins group and is not accredited
- ⑥ Test result is provided by the customer and is not accredited
- ⑦ Tested at the sampling point by Eurofins and is not accredited
- ⑧ Tested at the sampling point by Eurofins and is accredited
- ⑨ Test is RLP accredited
- ⑩ Test is subcontracted within Eurofins group and is RLP accredited

N/A means Not Applicable

Not Detected means not detected at or above the Limit of Quantification (LOQ)

LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit

✘ (Unsatisfactory) means does not meet the specification

✔ (Satisfactory) means meets the specification

The Customer acknowledges and accepts that: (a) where Eurofins is not responsible for sampling, the test result(s) in this report apply only to the sample as received. Customer is solely responsible for the sampling process and warrants that the sample provided to Eurofins is representative of the lot / batch from which the samples were drawn; and (b) Eurofins expresses no opinion and accepts no liability in respect of the Customer's production process or homogeneity of the product.

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The tests are identified by a five-digit code, their description is available on request.

Accreditation does not apply to comments or graphical representations.

Unless otherwise stated, all tests in this analytical report (except for subcontracted tests) are performed at 43 Detroit Drive, Rolleston, Christchurch, NEW ZEALAND.

The laboratory is not responsible for the information provided by the customer which can affect the validity of the results, for example: sampling information such as date/time, field data etc.

Eurofins may subcontract the performance of part or all of the Services to a third party and the Customer authorises the release of all information necessary to the third party for the provision of the Services.

All samples become the property of Eurofins to the extent necessary for the performance of the Services.

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If the Customer pays for storage of the samples Eurofins will take commercially reasonable steps to store the samples for the agreed period in terms of industry practice.

The Eurofins water sampling service follows methodology based on AS/NZS 5667 and / or best practice to collect and transport samples that are fit for the purpose of analytical testing. The laboratory is not responsible for sampling activities unless explicitly indicated by the statement "Sampled by Eurofins" on the report for water samples.

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END OF REPORT