

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE

AR-24-NC-027763-01

REPORT DATE

11/09/2024

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
Contract: Drinking Water

Order code: EUNZCH-00190062

Purchase Order Number: 7300396221

SAMPLE CODE 817-2024-00104538

Product: Raw water

Sampling Point code: UWI_LUGGATE_RAW

Sampling Point name: Luggate Source, S2228

Reception Date & Time: 04/09/2024 14:17

Analysis Started on: 04/09/2024

Analysis Ending Date: 11/09/2024

Product Type Raw water

Sampled Date & Time 04/09/2024 10:51

Sampler(s) Francisco Cabanas

Sampling Purpose Monitoring

Sampled By Eurofins Yes

RESULTS (UNCERTAINTY)
LOQ
SPECIFICATIONS

②NW007 Chloride	Chloride (Cl)	2.37	(± 0.24) mg/l	0.02	
②NW011 Sulphate	Sulphate	2.64	(± 0.26) mg/l	0.02	
②NW003 Total Alkalinity	Alkalinity total	130	mg CaCO3/l	1	
②NW148 Total Antimony	Antimony (Sb)	0.003	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)	0.007	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)	11.6	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)	<0.002	mg/l	0.002	50% MAV 1.0 mg/l ✓ Client Specification
②NW030 Total Hardness	Hardness	39	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)	2.3	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)	46.9	mg/l	0.1	

LIST OF METHODS

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

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

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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. This document can only be reproduced in full.

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.

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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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