

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE **AR-25-NC-025336-01** REPORT DATE **03/09/2025**

Attention Veolia Water Services (ANZ) Pty Ltd
 NZ Queenstown Lab Results
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Contact for your orders: James Thornton
Contract: Drinking Water

Order code: EUNZCH-00228142

Purchase Order Number: 7300492900

SAMPLE CODE **817-2025-00084711**

Product: Raw water
Sampling Point code: Q_UWI_ARTHURS_RAW
Reception Date & Time: 27/08/2025 10:46
Analysis Started on: 27/08/2025
Product Type Raw water
Sampler(s) Tomas Hais
Sampled By Eurofins Yes

Sampling Point name: Arthurs Point Source, S478
Reception temperature: 2.4 °C
Analysis Ending Date: 03/09/2025
Sampled Date & Time 27/08/2025 08:49
Sampling Purpose Monitoring

RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
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②NW003	Total Alkalinity				
	Alkalinity total	97	(± 10) mg CaCO ₃ /l	1	
②NW007	Chloride				
	Chloride (Cl)	1.91	(± 0.19) mg/l	0.02	
②NW010	Nitrate-N				
	Nitrate-N	0.21	(± 0.02) mg/l	0.01	
②NW011	Sulphate				
	Sulphate	17.6	(± 1.76) mg/l	0.02	
②NW030	Total Hardness				
	Hardness	87	(± 9) mg CaCO ₃ /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	(± 0.003) mg/l	0.002	50% MAV 0.005 mg/l ✓ Client Specification
②NW150	Total Barium				
	Barium (Ba)	<0.005	(± 0.003) mg/l	0.005	50% MAV 0.75 mg/l ✓ Client Specification
②NW154	Total Cadmium				
	Cadmium (Cd)	<0.001	(± 0.003) mg/l	0.001	50% MAV 0.002 mg/l ✓ Client Specification
②NW156	Total Calcium				
	Calcium (Ca)	30.4	(± 3.0) mg/l	0.1	
②NW157	Total Chromium				
	Chromium (Cr)	<0.001	(± 0.003) mg/l	0.001	50% MAV 0.025 mg/l ✓ Client Specification
②NW159	Total Copper				
	Copper (Cu)	0.004	(± 0.003) mg/l	0.002	50% MAV 1.0 mg/l ✓ Client Specification
②NW160	Total Iron				

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	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW160 Total Iron			
Iron (Fe)	<0.1 mg/l	0.1	
②NW161 Total Lead			
Lead (Pb)	<0.001 mg/l	0.001	50% MAV 0.005 mg/l ✓ Client Specification
②NW163 Total Magnesium			
Magnesium (Mg)	2.6 (± 0.3) mg/l	0.1	
②NW164 Total Manganese			
Manganese (Mn)	<0.001 (± 0.003) mg/l	0.001	
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)	2.5 (± 0.2) mg/l	0.1	
②NW331 Colour			
Colour	<5 Colour unit	5	
ZM2L7 Enumeration (Colilert-18 51-Well) of Escherichia coli using Quanti-Tray			
Escherichia coli	<1 MPN/100 ml	1	
ZM2L9 Enumeration (Colilert-18 51-Well) of Total Coliforms using Quanti-Tray			
Total Coliforms	<1 MPN/100 ml	1	

LIST OF METHODS

NW003 Total Alkalinity: APHA Online Edition 2320 B	NW007 Chloride: APHA Online Edition 4110 B
NW010 Nitrate-N: 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.
NW160 Total Iron: APHA Online Edition 3125 B mod.	NW161 Total Lead: APHA Online Edition 3125 B mod.
NW163 Total Magnesium: APHA Online Edition 3125 B mod.	NW164 Total Manganese: 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.	NW331 Colour: APHA Online Edition 2120 C
ZM2L7 Escherichia coli E [QNT] <1 >201 MPN/100 ml (0) Colilert-18-Q: SMEWW 9223B; APHA 24th Edition	ZM2L9 Total Coliforms E [QNT] <1 >201 MPN/100 ml (0) Colilert-18-Q: SMEWW 9223B; APHA 24th Edition

Signature



Tomas Hais

Field Technician Eurofins
ELS Limited



David Hoekendijk

Team Lead Eurofins ELS
Limited

EXPLANATORY NOTE

Food & Water Testing

- 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

MAV means Maximum Allowable Value

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.

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 Eurofins ELS Limited, Unit 1/74 Glenda Drive, Frankton, Queenstown.

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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