

Food & Water Testing

ANALYTICAL REPORT

REPORT CODE	AR-24-NC-028798-01	REPORT DATE	20/09/2024
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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-00190917
Contract:	Drinking Water	Purchase Order Number:	7300396221

SAMPLE CODE	817-2024-00107833
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Product:	Raw water	Sampling Point name:	Arthurs Point Source, S478
Sample Reference	Bore 2	Reception temperature:	0
Sampling Point code:	Q_UWI_ARTHURS_RAW	Analysis Ending Date:	20/09/2024
Reception Date & Time:	12/09/2024 10:35	Sampled Date & Time	12/09/2024 09:22
Analysis Started on:	12/09/2024	Sampling Purpose	Monitoring
Product Type	Raw water		
Sampler(s)	Tomas Hais		
Sampled By Eurofins	Yes		

	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
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②NW007 Chloride	Chloride (Cl)	0.91	(± 0.09) mg/l	0.02	
②NW011 Sulphate	Sulphate	12.7	(± 1.27) mg/l	0.02	
②NW003 Total Alkalinity	Alkalinity total	80	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)	28.6	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	79	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					

Food & Water Testing

	RESULTS (UNCERTAINTY)		LOQ	SPECIFICATIONS	
②NW163 Total Magnesium					
Magnesium (Mg)	1.8	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)	1.8	mg/l	0.1		

SAMPLE CODE	817-2024-00107834				
Product:	Raw water				
Sample Reference	Bore 1				
Sampling Point code:	Q_UWI_ARTHURS_RAW	Sampling Point name:	Arthurs Point Source, S478		
Reception Date & Time:	12/09/2024 10:35	Reception temperature:	0		
Analysis Started on:	12/09/2024	Analysis Ending Date:	20/09/2024		
Product Type	Raw water	Sampled Date & Time	12/09/2024 09:23		
Sampler(s)	Tomas Hais	Sampling Purpose	Monitoring		
Sampled By Eurofins	Yes				

	RESULTS (UNCERTAINTY)		LOQ	SPECIFICATIONS	
②NW007 Chloride					
Chloride (Cl)	1.35	(± 0.14) mg/l	0.02		
②NW011 Sulphate					
Sulphate	13.6	(± 1.36) mg/l	0.02		
②NW003 Total Alkalinity					
Alkalinity total	81	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)	31.8	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)	0.019	mg/l	0.002	50% MAV 1.0 mg/l	✓ Client Specification
②NW030 Total Hardness					
Hardness	88	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)	2.1	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					

Food & Water Testing

	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS
②NW167 Total Nickel Nickel (Ni)	<0.001 mg/l	0.001	50% MAV 0.04 mg/l ✓ Client Specification
②NW171 Total Sodium Sodium (Na)	2.2 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	
<ul style="list-style-type: none"> 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 	<p>N/A means Not Applicable</p> <p>Not Detected means not detected at or above the Limit of Quantification (LOQ)</p> <p>LOQ means Limit of Quantification and the unit of LOQ is the same as the result unit</p> <p>✘ (Unsatisfactory) means does not meet the specification</p> <p>✓ (Satisfactory) means meets the specification</p>

Food & Water Testing

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

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END OF REPORT