

## Food &amp; Water Testing

**ANALYTICAL REPORT**

REPORT CODE

AR-24-NC-027758-01

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      **Order code:** EUNZCH-00190199  
**Contract:** Drinking Water      **Purchase Order Number:** 7300396221

**SAMPLE CODE**      **817-2024-00105043**

**Product:** Raw water  
**Sampling Point code:** Q\_UWI\_HAWEA\_RAW      **Sampling Point name:** Hawea Source, S3230  
**Reception Date & Time:** 05/09/2024 14:14  
**Analysis Started on:** 05/09/2024      **Analysis Ending Date:** 11/09/2024  
**Product Type:** Raw water      **Sampled Date & Time:** 05/09/2024 11:01  
**Sampler(s):** Tomas Hais      **Sampling Purpose:** Monitoring  
**Sampled By Eurofins:** Yes

**RESULTS (UNCERTAINTY)**
**LOQ**
**SPECIFICATIONS**

<b>②NW007 Chloride</b>	Chloride (Cl)	0.54	(± 0.05) mg/l	0.02	
<b>②NW011 Sulphate</b>	Sulphate	2.91	(± 0.29) mg/l	0.02	
<b>②NW003 Total Alkalinity</b>	Alkalinity total	28	mg CaCO3/l	1	
<b>②NW148 Total Antimony</b>	Antimony (Sb)	<0.002	mg/l	0.002	50% MAV 0.01 mg/l ✓ Client Specification
<b>②NW149 Total Arsenic</b>	Arsenic (As)	<0.002	mg/l	0.002	50% MAV 0.005 mg/l ✓ Client Specification
<b>②NW150 Total Barium</b>	Barium (Ba)	<0.005	mg/l	0.005	50% MAV 0.75 mg/l ✓ Client Specification
<b>②NW154 Total Cadmium</b>	Cadmium (Cd)	<0.001	mg/l	0.001	50% MAV 0.002 mg/l ✓ Client Specification
<b>②NW156 Total Calcium</b>	Calcium (Ca)	9.5	mg/l	0.1	
<b>②NW157 Total Chromium</b>	Chromium (Cr)	<0.001	mg/l	0.001	50% MAV 0.025 mg/l ✓ Client Specification
<b>②NW159 Total Copper</b>	Copper (Cu)	<0.002	mg/l	0.002	50% MAV 1.0 mg/l ✓ Client Specification
<b>②NW030 Total Hardness</b>	Hardness	27	mg CaCO3/l	1	
<b>②NW161 Total Lead</b>	Lead (Pb)	<0.001	mg/l	0.001	50% MAV 0.005 mg/l ✓ Client Specification
<b>②NW163 Total Magnesium</b>	Magnesium (Mg)	0.8	mg/l	0.1	

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	RESULTS (UNCERTAINTY)	LOQ	SPECIFICATIONS	
<b>②NW165 Total Mercury</b> Mercury (Hg)	<0.001	mg/l	0.001	50% MAV 0.0035 mg/l ✓ Client Specification
<b>②NW167 Total Nickel</b> Nickel (Ni)	<0.001	mg/l	0.001	50% MAV 0.04 mg/l ✓ Client Specification
<b>②NW171 Total Sodium</b> Sodium (Na)	1.6	mg/l	0.1	

### LIST OF METHODS

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

## Food & Water Testing

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.

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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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### END OF REPORT