



Aqualab

Client Number 7017

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Authorised Representative

Mrs Terrey Fitzgerald
Director

Programme

Drinking Water Testing Laboratory

Accreditation Number 1398

Initial Accreditation Date 1 February 2022

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories
Water Services (Drinking Water Standards for New Zealand) Regulations 2022

Laboratory Services Summary

Analysis

1.12 Waters (Microbiology)
2.41 Waters (Chemistry)

Operations Manager
Authorisation:

Issue 5

Date:17/07/24

Page 1 of 3



Aqualab
Drinking Water Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1398

Analysis

The following scope of accreditation provides for the testing of potable waters for the purposes of assessing compliance with the Drinking Water Standards for New Zealand Regulations 2022, the Aesthetics Values for Drinking Water Notice 2022 in accordance with the Taumata Arowai publications Requirements Relating to Laboratories 2021 and the Drinking Water Quality Assurance Rules 2022.

1.12 Waters (Microbiology)

(a) Potable waters

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (Online Edition) except where otherwise indicated.

Determinand	Method Reference
<i>E. coli</i> – Colilert Quantitray (51 well)	9223 B
<i>E. coli</i> – Colilert Quantitray (97 well)	9223 B
Total coliforms – Colilert Quantitray (51 well)	9223 B
Total coliforms – Colilert Quantitray (97 well)	9223 B

2.41 Waters (Chemistry)

(a) Potable waters

INORGANIC DETERMINANDS

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (Online Edition) except where otherwise indicated.

Determinand	Method Reference
Chlorine (free available chlorine)	4500-Cl G

AESTHETIC DETERMINANDS

In accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (Online Edition) except where otherwise indicated.

Determinand	Method Reference
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Page 2 of 3



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pH
Turbidity

4500-H⁺ B
USEPA 180.1

Operations Manager
Authorisation:

A handwritten signature in dark ink, appearing to read 'A. H. O. M. A.', is written over a light blue horizontal line.

Issue 5

Date:17/07/24

Page **3** of **3**