

CERTIFICATE OF ACCREDITATION



RJ Hill Laboratories Ltd (Hill Labs)
Christchurch

Client Number 6706

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Authorised Representative

Mrs Debra McLachlan
SI Quality Assurance and Health and Safety Coordinator

Programme

Drinking Water Testing Laboratory

Accreditation Number 803

Initial Accreditation Date 23 January 2002

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)

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RJ Hill Laboratories Ltd (Hill Labs)
 Drinking Water Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 803

Analysis

The following scope of accreditation provides for the testing of potable waters for the purposes of assessing compliance with the Water Services (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>	ISO 9308-1:2014/Amendment 1:2016
<i>E. coli</i> - Colilert Quantitray (51 well)	9223 B
<i>E. coli</i> - Colilert Quantitray (97 well)	9223 B
<i>E. coli</i> - Colilert-18 Quantitray (51 well)	9223 B
<i>E. coli</i> - Colilert-18 Quantitray (97 well)	9223 B
Total coliforms	ISO 9308-1:2014/Amendment 1:2016
Total coliforms - Colilert Quantitray (51 well)	9223 B
Total coliforms - Colilert Quantitray (97 well)	9223 B
Total coliforms - Colilert-18 Quantitray (51 well)	9223 B
Total coliforms - Colilert-18 Quantitray (97 well)	9223 B

2.41 Waters (Chemistry)

(a) Potable waters

AESTHETIC DETERMINANDS

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

Determinand	Method Reference
pH	4500-H ⁺ B (modified)
Turbidity	2130 B (modified)
Turbidity	ISO 7027-1:2016 (modified)

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