



Analytica Laboratories Ltd

Water Testing Hawke's Bay

Client Number 9004

PO Box 2552, Stortford Lodge, Hastings, 4153
1105 Plunket Street, Saint Leonards, Hastings, 4120

Telephone 06 870-6449

www.watertestinghb.nz

Authorised Representative

Ms Maya Hasegawa
Quality Manager
Private Bag 3345
Hamilton 3240
New Zealand

Programme

Drinking Water Testing Laboratory

Accreditation Number 1081

Initial Accreditation Date 11 February 2013

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)

Sampling

1.12 Waters (Microbiology)
2.41 Waters (Chemistry)

Key Technical Personnel

Analysis

Ms Leah Cooper	2.41; selected
Mr Trevor Dine	1.12, 2.41
Mrs Linzie du Plessis	1.12, 2.41; selected
Mr Alastair McSporrان	2.41; selected
Teina Ngawhare	2.41; selected

Sampling

Mr Trevor Dine	1.12, 2.41
----------------	------------

Operations Manager
Authorisation:

Issue 42

Date:09/04/24

Page 1 of 4

CERTIFICATE OF ACCREDITATION



Mr Alastair McSporrان	1.12, 2.41
-----------------------	------------

Operations Manager Authorisation:		Issue 42	Date:09/04/24	Page 2 of 4
--------------------------------------	--	----------	---------------	-------------



Analytica Laboratories Ltd
 Drinking Water Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1081

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> – Colilert Quantitray (51 wells)	9223 B
<i>E. coli</i> – Colilert Quantitray (97 wells)	9223 B
<i>E. coli</i> – Colilert-18 Quantitray (51 wells)	9223 B
<i>E. coli</i> – Colilert-18 Quantitray (97 wells)	9223 B
<i>E. coli</i> – MF	9222 G
Faecal coliforms – MF	9222 D
Total coliforms – Colilert Quantitray (51 wells)	9223 B
Total coliforms – Colilert Quantitray (97 wells)	9223 B
Total coliforms – Colilert-18 Quantitray (51 wells)	9223 B
Total coliforms – Colilert-18 Quantitray (97 wells)	9223 B
Total coliforms – MF	9222 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
Bromate	EPA Method 300.1
Chlorate	EPA Method 300.1
Chlorine (Free Available Chlorine)	4500-Cl G
Chlorite	EPA Method 300.1

Operations Manager Authorisation:		Issue 42	Date:09/04/24	Page 3 of 4
--------------------------------------	--	----------	---------------	-------------



Analytica Laboratories Ltd
 Drinking Water Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1081

Fluoride	4500-F ⁻ D: SPADNS Method
Perchlorate	EPA Method 300.1

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
Temperature	2550 B
Turbidity	2130 B

Sampling

1.12 Waters (Microbiology)

2.41 Waters (Chemistry)

(a) Potable waters

In accordance with in-house methods based on the following:

- A National Protocol for State of the Environment Groundwater Sampling New Zealand.
- US Environmental Protection Agency August 2015, Science and Ecosystem Support Division “Operating Procedure: Field Equipment Cleaning and Decontamination”.
- Pita. 2015. Sampling Instructions for USEPA 1623 (modified). Hopkirk Institute, Massey University, Palmerston North.
- Standard Methods for the Examination of Water and Wastewater Online Edition.

Operations Manager Authorisation:		Issue 42	Date:09/04/24	Page 4 of 4
--------------------------------------	--	----------	---------------	-------------