



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 Kelly Willoughby
Quality Manager
Private Bag 3345
Hamilton 3240
New Zealand

Programme

Chemical Testing Laboratory

Accreditation Number 1360

Initial Accreditation Date 8 July 2020

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

Analysis

2.41 Waters

Sampling

2.41 Waters

Key Technical Personnel

Analysis

Mrs Shirree Chenery	2.41; selected
Ms Leah Cooper	2.41; selected
Mr Trevor Dine	2.41
Mrs Linzie du Plessis	2.41; selected
Mr Alastair McSporran	2.41; selected

Sampling

Mr Trevor Dine	2.41
Mr Alastair McSporran	2.41
Mr Hugh MacMillan	2.41

Operations Manager
Authorisation:

Issue 15

Date: 17/05/23

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Analytica Laboratories Ltd
Chemical Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1360

Analysis

2.41 Waters

- (a) Potable waters
- (b) Non-potable waters
- (d) Effluents and trade wastes
- (f) Swimming and spa pools

The following tests are in accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (23rd Edition).

Conductivity @ 25 °C	2510 B
Free available chlorine	4500-Cl G
pH	4500-H B
Temperature	2550 B
Total chlorine	4500-Cl G
Turbidity	2130 B

(a) Potable waters

The following tests are in accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (23rd Edition) except where otherwise indicated.

Bromate	EPA Method 300.1
Bromide	EPA Method 300.1
Chlorate	EPA Method 300.1
Chlorite	EPA Method 300.1
Fluoride	4500-F ⁻ D: SPADNS Method
Perchlorate	EPA Method 300.1

(g) Marine waters

The following tests are in accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (23rd Edition).

Conductivity @ 25 °C	2510 B
pH	4500-H B
Temperature	2550 B
Turbidity	2130 B

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Sampling

2.41 Waters

- (a) Potable waters
- (b) Non-potable waters
- (d) Effluents and trade wastes
- (f) Swimming pools and spas
- (g) Marine waters

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

- A National Protocol for State of the Environment Groundwater Sampling in New Zealand.
- US Environmental Protection Agency August 2015, Science and Ecosystem Support Division, "Operating Procedure: Field Equipment Cleaning and Decontamination".
- A. Pita. 2015. Sampling Instructions for USEPA 1623 (modified). Hopkirk Institute, Massey University, Palmerston North.
- Standard Methods for the Examination of Water and Wastewater 23rd Edition.

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