



Analytica Laboratories Ltd

Water Testing Hawke's Bay

Client Number 9004

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Authorised Representative

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Quality Manager
Private Bag 3345
Hamilton 3240
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Programme

Biological Testing Laboratory

Accreditation Number 1080

Initial Accreditation Date 11 February 2013

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Laboratory Services Summary

Analysis

1.12 Waters

Sampling

1.12 Waters


Key Technical Personnel

Analysis

Mr Trevor Dine 1.12
Mrs Linzie du Plessis 1.12

Sampling

Mr Trevor Dine 1.12
Mr Alastair McSporrان 1.12

<p>Operations Manager Authorisation:</p>		<p>Issue 41</p>	<p>Date:09/04/24</p>	<p>Page 1 of 3</p>
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Analytica Laboratories Ltd
 Biological Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1080

Analysis

1.12 Waters

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

(a) Potable waters


<i>E. coli</i> – MF	9222 G
<i>E. coli</i> – Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
<i>E. coli</i> – Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
<i>E. coli</i> – Colilert Quantitray (51 wells)	9223 B Colilert
<i>E. coli</i> – Colilert Quantitray (97 wells)	9223 B Colilert
Enterococci (MF)	9230 C
Faecal coliforms – MF	9222 D
Heterotrophic Plate Count (35/22°C)	9215 B
Total coliforms – MF	9222 B
Total coliforms – Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
Total coliforms – Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
Total coliforms – Colilert Quantitray (51 wells)	9223 B
Total coliforms – Colilert Quantitray (97 wells)	9223 B

(b) Non-potable waters

<i>E. coli</i> – MF	9213 D
<i>E. coli</i> – MPN Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
<i>E. coli</i> – MPN Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
<i>E. coli</i> – MPN Colilert Quantitray (51 wells)	9223 B Colilert
<i>E. coli</i> – MPN Colilert Quantitray (97 wells)	9223 B Colilert
Enterococci – MF	9230 C
Faecal coliforms – MF	9222 D
Total coliforms – MF	9222 B
Total coliforms – MPN Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
Total coliforms – MPN Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
Total coliforms – MPN Colilert Quantitray (51 wells)	9223 B Colilert
Total coliforms – MPN Colilert Quantitray (97 wells)	9223 B Colilert

(d) Effluent and trade wastes

<i>E. coli</i> – MF	9222 I
Enterococci – MF	9230 C
Faecal coliforms – MF	9222 D

Operations Manager Authorisation:		Issue 41	Date:09/04/24	Page 2 of 3
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Analytica Laboratories Ltd
 Biological Testing Laboratory
SCOPE OF ACCREDITATION

Accreditation Number 1080

(f) Swimming and spa pools

<i>E. coli</i> – MPN Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
<i>E. coli</i> – MPN Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
Faecal coliforms – MF	9222 D
Heterotrophic plate count @ 37°C	9215 B
<i>Pseudomonas aeruginosa</i>	9213 E
<i>Staphylococcus aureus</i>	9213 B
Total coliforms – MPN Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
Total coliforms – MPN Colilert-18 Quantitray (97 wells)	9223 B Colilert-18

(g) Marine waters

<i>E. coli</i> – MF	9213 D
<i>E. coli</i> – MPN Colilert-18 Quantitray (51 wells)	9223 B Colilert-18
<i>E. coli</i> – MPN Colilert-18 Quantitray (97 wells)	9223 B Colilert-18
Enterococci – MF	9230 C
Faecal coliforms – MF	9222 D

Sampling

1.12 Waters

- (a) Potable waters**
- (b) Non-potable waters**
- (d) Effluent and trade wastes**
- (f) Swimming and spa pools**
- (g) Marine 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 41	Date:09/04/24	Page 3 of 3
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