



ALS Environmental NZ

Hawke's Bay

Client Number 9004

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Authorised Representative

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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

Operations Manager
Authorisation:

Issue 46

Date: 21/01/26

Page 1 of 3



ALS Environmental NZ
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 I (modified)
<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 (modified)
Heterotrophic Plate Count (35/28°C)	9215 B
Heterotrophic Plate Count (35/22°C)	9215 B APHA 23 rd Edition
Total coliforms – MF	9222 B (modified)
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 (modified)
<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 (modified)
Total coliforms – MF	9222 B (modified)
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 (modified)
Enterococci – MF	9230 C
Faecal coliforms – MF	9222 D (modified)

Operations Manager
Authorisation:

Issue 46

Date: 21/01/26

Page 2 of 3



ALS Environmental NZ
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 (modified)
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 (modified)
<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 (modified)

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:

- APHA Standard Methods for the Examination of Water and Wastewater Online Edition.
- AS/NZS 5667:1998 Water Quality – Sampling: Parts 1, 4-12
- NZS 5826:2010 Pool Water Quality

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Issue 46

Date: 21/01/26

Page 3 of 3