

# Laboratory Accreditation Programmes

Schedule to

## CERTIFICATE OF ACCREDITATION

AsureQuality Limited  
Laboratory Services - Auckland Laboratory

**Client No: 113**

PO Box 41, Shortland Street, Auckland, 1140  
131 Boundary Road, Blockhouse Bay, Auckland, 0600

**Telephone:** 09 626-6026  
**Fax:** 09 626-8282

**www.asurequality.com**

**Authorised Representative:**  
Mrs Vijaya Sharma  
Laboratory Quality Manager

**Programme**  
Biological Testing Laboratory

**Accreditation Number:** 278

**Date of Accreditation:** 14 March 1986

**Conformance Standard**

NZS ISO/IEC 17025:2005

General requirements for the competence of testing and calibration laboratories

**Testing Services Summary**

1.03	Drugs and Pharmaceuticals
1.11	Foods
1.12	Waters
1.60	New Zealand Shellfish Quality Assurance Programme
1.71	Biological Condition
1.92	Prepared Microbiological Media Performance Evaluation

**Key Technical Personnel**

Ms Ingrid Houg-Lee	1.03 (selected tests), 1.11 (pathogens)
Ms Justine Inverarity	1.03 (selected tests), 1.11 (pathogens)
Mrs Swati Jain	1.03 (selected tests), 1.11 (pathogens)
Ms Bei Bei Li	1.03 (selected tests), 1.11 (pathogens)
Mr Craig McCulloch	1.03 (selected tests), 1.11 (pathogens)
Mrs Khyati Modha	1.03 (selected tests), 1.11 (pathogens)
Mrs Chandrika Roland	1.03 (selected tests), 1.11 (pathogens)
Mrs Bhama Senthuran	1.03 (selected tests), 1.11 (pathogens)
Miss Beverly Steel	1.03 (selected tests), 1.11 (pathogens)
Miss Sarah White	1.03 (selected tests), 1.11 (pathogens)
Miss Yi (Alice) Yin	1.03 (selected tests), 1.11 (pathogens)
Miss Melissa Young	1.03 (selected tests), 1.11 (pathogens)

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Mr Warwick Aspin	1.03 (selected tests), 1.11, 1.12, 1.60, 1.71, 1.92
Mrs Preetika Prasad	1.03 (selected tests), 1.11 (excl. pathogens), 1.12, 1.60, 1.71
Mr Peter Griffin	1.03, 1.11 (excl. pathogens), 1.12, 1.71, 1.92
Mrs Morag Taylor	1.11 (excl. pathogens:f)
Mrs Navneet Ahluwalia	1.11 (selected tests), 1.12, 1.60, 1.71
Mrs Tamara Johnston-Nimmo	1.11 (excl. pathogens), 1.12, 1.60, 1.71
Mrs Radmilla Lawford	1.11 (excl. pathogens), 1.12, 1.60, 1.71
Ms Bina Rajesh	1.11 (excl. pathogens), 1.12, 1.60, 1.71
Mrs Andrea Renner	1.11 (excl. pathogens), 1.12, 1.60, 1.71, 1.92

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**1.03 Drugs and Pharmaceuticals**

**(a) Microbiological quality (including sterility)**

(including but not limited to veterinary preparations, pharmaceutical raw materials, capsules and neutraceuticals)

In accordance with the methods indicated


Total aerobic count (25°C, 35°C)	BP/EP, USP
<i>Staphylococcus aureus</i>	BP/EP, USP
Yeasts and moulds	BP/EP, USP
<i>E coli</i>	BP/EP, USP
Enterobacteriaceae	BP/EP, USP
Preservative efficacy	BP/EP, USP
<i>Pseudomonas aeruginosa</i>	BP/EP, USP
Salmonella	BP/EP, USP

**1.11 Foods**

- (a) Cereals and cereal products**
- (b) Edible oils, fats and derived products**
- (c) Nuts, fruits, vegetables and derived products**
- (d) Sauces, herbs, spices and condiments**
- (e) Sugar and sugar confectionery**
- (f) Dairy products**
- (g) Meat, poultry and derived products**
- (h) Fish and fish products**
- (i) Eggs and egg products**
- (k) Non-alcoholic beverages**
- (l) Food additives and supplements**
- (m) Essential nutrients, including vitamins**
- (q) Animal feeds**

In accordance with the test methods indicated

Aciduric plate count	APHA 58.51
Aerobic plate count (30 °C, 35 °C)	BAM 3
Aerobic plate count (30 °C, 35 °C)	APHA 7
<i>Staphylococcus aureus</i>	BAM 12
Staphylococcal enterotoxin	TECRA ELISA
<i>Clostridium perfringens</i>	BAM 16
Coliforms	APHA 8.72
Coliforms	APHA 8.73
Coliforms	APHA 8.935
<i>E coli</i>	APHA 8.92

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<i>E coli</i>	APHA 8.93
<i>E coli</i>	APHA 8.935
<i>E coli</i> count	ISO 16649-2:2001
Campylobacter	MIMM 7.3
Yeasts and Moulds	BAM 18
Yeasts and Moulds	APHA 20
Osmophilic yeasts and mould	APHA 17.332
Xerophilic yeasts and moulds	APHA 20
<i>Brochothrix thermosphacta</i>	MIMM 9.2
Bacillus enterotoxin	TECRA
Faecal coliforms	APHA 8.8
<i>Bacillus cereus</i>	BAM 14
<i>Bacillus cereus</i>	MIMM 7.2
Lactic acid bacteria	MIMM 9.7
Lactic acid bacteria	Jnl of Bact 62 132 1951
Enterobacteriaceae count	ISO 21528-2
Enterobacteriaceae count	APHA 8.62
Enterobacteriaceae count	APHA 8.63
Enterococci count	APHA 9.5
Enterococci count	APHA 9.6
<i>Enterobacter sakazakii</i> screen	ISO/TS 22964
Salmonella	BAM 5
Salmonella	TECRA
Salmonella	ISO 6579:2002 (E)
Salmonella	BAX
Salmonella	MIMM 7.7
Shigella	APHA 38.21-38.26
<i>E coli</i> 0157 (presumptive)	CCWFRA 19.1 (1995)
<i>E coli</i> 0157 (presumptive)	TECRA
<i>E coli</i> 0157 (presumptive)	MIMM 7.4
<i>E coli</i> 0157 (presumptive)	BAX
Listeria (count)	BAM 10 (modified)
<i>Listeria monocytogenes</i>	BAM 10
<i>Listeria monocytogenes</i>	TECRA
<i>Listeria monocytogenes</i>	MIMM 7.5
<i>Vibrio parahaemolyticus</i>	MIMM 7.11

**(f) Dairy products**

In accordance with AS 1766 methods except where otherwise indicated:

Antibiotics	3.11
Bacillus cereus (count/detection)	2.6
Coliform, <i>E coli</i> (detection)	2.3.6
Coliform, <i>E coli</i> (MPN)	2.3.7
Standard plate count	2.1
Staphylococci (count/detection)	2.4.6

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Yeast and moulds (count)	2.2
Yeast and moulds (count)	ISO 94:2004/ISO 6611
<i>Enterobacter sakazakii</i>	BAX
Sulphite Reducing Clostridial Spore Count	ISO 15213: 2003(E)
Sulphite Reducing Clostridial Spore Count (46°)	ISO 15213: 2003(E) (mod)

## 1.12 Waters

- (a) Potable waters
- (b) Non-potable waters
- (g) Marine waters

The following tests are in accordance with APHA "Standard Methods for the Examination of Water and Wastewater" (21<sup>st</sup> Edition) except where otherwise indicated.

<i>Pseudomonas aeruginosa</i>	9213 E
Heterotrophic plate count (22 °C, 37 °C)	9215 B
Total coliforms - MPN	9221 B
Total coliforms - MF	9222 B
Total coliforms - P/A	9223 B
Total coliforms - P/A	9223 B Readycult
Faecal coliforms - MPN	9221 E
Faecal coliforms - MF	9222 D
<i>E coli</i> - MPN	9221 F
<i>E coli</i>	9222 G
<i>E coli</i> - P/A	9223 B Readycult
Enterococci - MF	9230 C
Faecal streptococci (MF)	MIMM 11.7
Spores of Sulphite reducing Clostridia	MIMM 11.8

## 1.60 New Zealand Shellfish Quality Assurance Programme

- (b) Raw shellfish

Total coliforms	APHA 1970
Faecal coliforms	APHA 1970

## 1.71 Biological Condition

- (a) Air
- (b) Plant hygiene evaluation
- (c) Other specified tests

Swabs	APHA 3.5
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Contact plates	APHA 3.53
Air sampling/exposure plates	APHA 3.6
Air sampling/exposure plates	APHA 3.71
Rinse solution method for sampling containers	APHA 3.4


**1.92 Prepared Microbiological Media Performance Evaluation**

Quantitative and qualitative evaluation of 3M Petrifilm plates by in-house methods based on APHA, NZTM1 and MIMM.

**References:**

APHA	APHA Compendium of Methods for the Microbiological Examination of Food (4 <sup>th</sup> Edition)
APHA 1970	Recommended Procedures for the Examination of Seawater and Shellfish (4 <sup>th</sup> Edition)
BAM	US FDA Bacterial Analytical Manual (Online)
MIMM:	Microbiological methods for the Meat Industry (4 <sup>th</sup> Edition)
BP	British Pharmacopoeia
USP	United States Pharmacopoeia
EP	European Pharmacopoeia
CCWFRA	Campden Chorley Wood Food Research Association, Manual of Microbiological Methods for the Food and Drink Industry

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