

Laboratory Accreditation Programmes

Schedule to

CERTIFICATE OF ACCREDITATION

AsureQuality Limited
Laboratory Services - Wellington Laboratory

Client No: 6881

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Authorised Representative:
Mrs Charlene Gerber
Quality Systems Manager

Programme
Biological Testing Laboratory

Accreditation Number: 970

Date of Accreditation: 17 February 2006

Conformance Standard

NZS ISO/IEC 17025:2005

General requirements for the competence of testing and calibration laboratories

Testing Services Summary

Foods and Waters

1.11	Foods
1.12	Waters
1.14	Hydrocarbons (Diesel, Oil Emulsions, Aviation Gas)
1.71	Biological Condition

Veterinary Testing

1.02	Diagnostic Tests, Veterinary - Serology
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Export Laboratory Programme

1.61	Animals for Freedom from Disease
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Key Technical Personnel

Foods and Waters

Mrs Karen Anderson	1.11, 1.12, 1.14, 1.71
Ms Michaela Taylor	1.11, 1.12, 1.14, 1.71
Mrs Kelly-Marie Burns	1.11, 1.71; selected tests, 1.12, 1.14
Ms Deepika Chandrasekar	1.11, 1.71; selected tests

Veterinary Testing

Mr Eric Cairns	1.02
Mrs Heather Innes	1.02
Mr Bryan Scahill	1.02

Export Laboratory Programme

Mr Eric Cairns	1.61
Mrs Heather Innes	1.61

Authorised:
General Manager




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Mr Bryan Scahill	1.61

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Foods and Waters

1.11 Foods

- (a) Cereals and cereal products
- (c) Nuts, fruits, vegetables and derived products (coconut)
- (d) Sauces, herbs, spices and condiments
- (e) Sugar and sugar confectionery
- (g) Meat and meat products
- (i) Eggs and egg products
- (n) Other specified fresh foods (salads and meat)
- (o) Other specified preserved foods (salads, desserts, small goods)

In accordance with the methods taken from the references indicated:

Aerobic plate count	FDA BAM Ch.3
Aerobic plate count	MIMM 6
<i>Listeria monocytogenes</i>	FDA BAM Ch.10
Listeria	Rapid method (Oxoid)
Listeria	Rapid method (Neogen Reveal)
Salmonella	FDA BAM Ch.5
Salmonella	TECRA
<i>Staphylococcus aureus</i>	FDA BAM Ch.12
<i>Staphylococcus aureus</i>	MIMM 7.8
<i>Clostridium perfringens</i>	FDA BAM Ch.16
Coliforms	FDA BAM Ch.4
Faecal coliforms (excluding spices)	FDA BAM Ch.4
Enterobacteriaceae (excluding spices)	APHA 8.631
<i>E coli</i>	FDA BAM Ch.4
Yeasts and moulds	FDA BAM Ch.18
Lactic acid bacteria	APHA Comp.19.522
<i>Bacillus cereus</i>	APHA Comp. 32.2
<i>Bacillus cereus</i>	APHA Comp. 32.21 (modified)
Rope spores	APHA Comp. 22.52

(f) Yoghurt

Listeria	Rapid method (Neogen Reveal)
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(g) Meat and meat products

Campylobacter	MIMM 7.3
<i>Listeria monocytogenes</i>	MIMM 7.5
Salmonella	MIMM 7.7
Enterobacteriaceae	MIMM 8.2
Coliforms	MIMM 8.4 (Petrifilm)
<i>E coli</i>	MIMM 8.4 (Petrifilm)
<i>Brochothrix thermosphacta</i>	MIMM 9.2

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Lactic acid bacteria MIMM 9.7
 Pseudomonas MIMM 9.8

(h) Fish oil (emulsion)

Aerobic plate count FDA BAM Ch.3
E coli (MPN) FDA BAM Ch.4
 Faecal coliforms (MPN) FDA BAM Ch.4
 Yeasts and moulds FDA BAM Ch.18
 Salmonella MIMM 7.7
Staphylococcus aureus FDA BAM Ch.12
Clostridium perfringens MIMM 7.10
 Pseudomonas MIMM 9.8
 Listeria Rapid method (Neogen Reveal)

(i) Cultured Products

Listeria Rapid method (Neogen Reveal)

References:

FDA BAM USFDA Bacteriological Analytical Manual (8th Edition)
 APHA Comp. APHA Compendium of Methods for the Microbiological Examination of Foods (4th Ed)
 MIMM Microbiological Methods for the Meat Industry (4th Edition)

1.12 Waters

In accordance with APHA “Standard Methods for the Examination of Water and Wastewater” (21st Edition) except where otherwise indicated:

(a) Potable waters

(b) Non-potable waters

Heterotrophic plate count (22 °C, 35 °C, .37 °C) 9215 B
 Heterotrophic plate count (22 °C, 35 °C, .37 °C) MIMM 11.6
 Total coliforms - MPN 9221 B
 Total coliforms - MF 9222 B
 Total coliforms - MF MIMM 11.3
 Total coliforms - P/A 9223 B ReadyCult
 Faecal coliforms - MPN 9221 E
 Faecal coliforms – MF MIMM 11.4
E coli - P/A 9223 B ReadyCult
E coli - MF MIMM 11.5

(f) Swimming pools

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Aerobic plate count	9215
Faecal coliforms	9222 D
<i>E. coli</i>	9222 D
<i>Staphylococcus aureus</i>	9213 B
<i>Pseudomonas aeruginosa</i>	9213 E

References:

MIMM Microbiological Methods for the Meat Industry (4th Edition)

1.14 Hydrocarbons (Diesel, Oil Emulsions, Aviation Gas)

In accordance with International Petroleum IP 385/99 method:

(a) Hydrocarbons (Diesel, Emulsions, Aviation Gas)

Total aerobic count (25°C, 35°C)
 Fungal count (25°C) - Yeasts and moulds

1.71 Biological Condition

In accordance with APHA Compendium of Methods for the Microbiological Examination of Foods (4th Edition) except where otherwise indicated:

(a) Air (exposure plates)

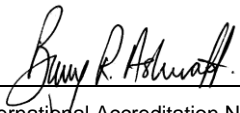
Aerobic plate count	3.71
Yeasts and moulds	3.71

(b) Plant hygiene evaluation (swabs)

Total plate count	APHA 3-3.5
Listeria	FDA BAM Ch. 10
<i>Listeria monocytogenes</i>	FDA BAM Ch. 10
Rapid Listeria	Neogen Reveal
Total coliforms	FDA BAM Ch.4
Salmonella	FDA BAM Ch.5

References:

FDA BAM USFDA Bacteriological Analytical Manual (8th Edition)
 NZTM2 New Zealand Dairy Industry Microbiological Methods Manual

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Veterinary Testing

1.02 Diagnostic Tests, Veterinary

(g) Serology

Analysis of serum for the following using ELISA techniques:

- Bovine viral diarrhoea, antigen (BVD antigen)
- Brucella ovis*, antibody (BO antibody)
- Caprine arthritis encephalitis/ Maedi-Visna, antibody (CAE/MVV antibody)
- Enzootic bovine leucosis, antibody (EBL antibody)
- Infectious bovine rhinotracheitis, antibody (IBR antibody)
- Johnes disease, antibody


Export Laboratory Programme

1.61 Animals for Freedom from Disease

The following testing in accordance with the MAF Biosecurity New Zealand Export Laboratory Programme:

Analysis of serum for the following using ELISA techniques:

- Bovine viral diarrhoea, antigen (BVD antigen)
- Brucella ovis*, antibody (BO antibody)
- Caprine arthritis encephalitis/ Maedi-Visna, antibody (CAE/MVV antibody)
- Enzootic bovine leucosis, antibody (EBL antibody)
- Infectious bovine rhinotracheitis, antibody (IBR antibody)
- Johnes disease, antibody

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