

CERTIFICATE OF ACCREDITATION



RJ Hill Laboratories Ltd (Hill Labs)
Christchurch

Client Number 6706

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Authorised Representative

Mrs Debra McLachlan
SI Quality Assurance and Health and Safety Coordinator

Programme

MPI Recognised Laboratory Programme

Accreditation Number 1138

Initial Accreditation Date 2 December 2015

Conformance Standard

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

Animal Products Notice: Recognised Laboratories
Animal Products Regulations 2021

Laboratory Services Summary

Potable/Suitable Water for Meat, Poultry, Egg and Honey Industry Microbiology
Meat and Meat Products, Poultry, Petfood, Egg and Egg Product & Honey Microbiology / Parasitology
Potable/Suitable Water Physico-Chemical Parameters
Seafood Products and Potable/Suitable Water
Dairy Products – Microbiology

Operations Manager Authorisation:		Issue 34	Date:24/09/24	Page 1 of 5
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RJ Hill Laboratories Ltd (Hill Labs)
 MPI Recognised Laboratory Programme
SCOPE OF ACCREDITATION

Accreditation Number 1138

The MPI Recognised Laboratory Programme commenced in 2015, replacing prior regulatory recognition/approval schemes for testing laboratories under the Animal Products Act. This accreditation replaces previously held accreditations by this laboratory in the following IANZ Laboratory Accreditation Programmes called up under the Animal Products Act.

IANZ Laboratory Accreditation Programme	Accreditation Number	Date of Initial Accreditation
MPI Laboratory Approval Scheme	894	04/02/2004

Potable/Suitable Water for Meat, Poultry, Egg and Honey Industry Microbiology

In accordance with MIMM: Microbiological Methods for the Meat Industry (5th Edition), except where otherwise indicated.

1.1.1	Total coliforms / <i>Escherichia coli</i>	MIMM 11 Appendix 1
	Total coliforms	APHA 9221B
	<i>Escherichia coli</i>	APHA 9221F
1.2	Faecal coliforms	APHA 9221E
1.3	Colony count (22 °C)	MIMM 11.6
1.6.1	<i>Clostridium perfringens</i> (including spores)	MIMM 11 Appendix 3

Meat and Meat Products, Poultry, Petfood, Egg and Egg Product & Honey Microbiology / Parasitology

(not including dairy products or environmental sampling within dairy premises)

In accordance with MIMM: Microbiological Methods for the Meat Industry (5th Edition) and the following Ministry for Primary Industries Animal Products Notice: National Microbiological Database Programme, except where otherwise indicated.

- Farmed Animals; Bovine, Ovine, Bobby calves
- Caprine
- Cervine
- Porcine

2.1.1	Aerobic Plate Count	MIMM 6
	Aerobic Plate Count	TEMPO AC
2.1.2	Aerobic Plate Count (spread plate)	NMD 3.21.5 with sampling NMD 3
2.1.3	Aerobic Plate Count (Petrifilm)	NMD 3.21.6 with sampling NMD 3
2.1.5	Aerobic Plate Count	China OMAR

Operations Manager Authorisation:		Issue 34	Date:24/09/24	Page 2 of 5
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RJ Hill Laboratories Ltd (Hill Labs)
MPI Recognised Laboratory Programme

Accreditation Number 1138

SCOPE OF ACCREDITATION

2.2.1	<i>Escherichia coli</i> <i>Escherichia coli</i>	MIMM 8.4 TEMPO EC
2.2.2	<i>Escherichia coli</i> , Petrifilm	NMD 3.22 with sampling NMD 3
2.3	<i>Staphylococcus aureus</i>	MIMM 7.8
2.4.1	Salmonella Salmonella	MIMM 7.7 PCR (In-house)
2.4.2	Salmonella	ISO 6579-1:2017 / Amendment 1:2020
2.4.3	Salmonella	NMD 3.23 with sampling NMD 3
2.6	<i>Listeria monocytogenes</i>	PCR (In-house)
2.8	<i>Clostridium perfringens</i>	MIMM 7.10
2.9	Enterobacteriaceae	MIMM 8.2
23.1	<i>Escherichia coli</i> O157:H7	US OMAR
23.3	Top 7 Shiga Toxin-Producing <i>Escherichia coli</i>	US OMAR
23.4	Top 7 Shiga toxin producing <i>Escherichia coli</i> Molecular confirmation	US OMAR (preparation of DNA sample only)
• Poultry		
2.4.3	<i>Salmonella</i> (detection)	NMD 4.14 with sampling NMD 4
22.1	<i>Campylobacter</i> <i>Campylobacter</i> (confirmation only)	NMD 4.13 with sampling NMD 4 MIMM 7.3

Potable/Suitable Water Physico-Chemical Parameters

In accordance with APHA Standards Methods for the Examination of Water and Wastewater (Online Edition), except where otherwise indicated.

5.01	Colour	2120 C (modified)
5.02	Conductivity	2510 B
5.03	pH (hydrogen ion concentration)	4500-H ⁺ B (modified)
5.04	Turbidity	2130 B (modified)

Seafood Products and Potable/Suitable Water

In accordance with APHA Standards Methods for the Examination of Water and Wastewater (Online Edition), except where otherwise indicated.

Operations Manager Authorisation:		Issue 34	Date:24/09/24	Page 3 of 5
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RJ Hill Laboratories Ltd (Hill Labs)
MPI Recognised Laboratory Programme

Accreditation Number 1138

SCOPE OF ACCREDITATION

11.1.1	Faecal coliforms	9221E
11.1.2	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	MIMM 11 Appendix 1
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	9221B
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	9221F
11.2.1	Faecal coliforms	APHA 9221E
11.2.3	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	MIMM 11 Appendix 1
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	APHA 9221B
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	APHA 9221F
11.3.1	Faecal coliforms	APHA 9221E
11.3.3	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	MIMM 11 Appendix 1
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	APHA 9221B
	Total coliforms (coliform bacteria) <i>Escherichia coli</i>	APHA 9221F
11.4.1	Total coliforms (coliform bacteria), <i>Escherichia coli</i>	APHA 1970 Part III (+ EC-TBX)
11.5.3	Aerobic Plate Count	APHA Comp. Ch. 8.72
	Aerobic Plate Count	APHA Comp. Ch. 8.82
	Aerobic Plate Count	TEMPO AC
11.5.4	<i>Staphylococcus aureus</i>	APHA Comp. Ch.39.6
	<i>Staphylococcus aureus</i>	TEMPO STA
11.5.6	<i>Vibrio parahaemolyticus</i>	PCR (In-house)
11.5.10	<i>Escherichia coli</i>	APHA Comp. Ch. 9.93
	<i>Escherichia coli</i>	TEMPO EC
11.5.11	Salmonella	PCR (In-house)
11.5.12	<i>Vibrio cholerae</i>	PCR (in-house)
11.6.1	Faecal coliforms	APHA (1970) Part III
11.6.2	<i>Escherichia coli</i>	Enumeration of <i>E coli</i> in Molluscan Bivalve Shellfish, MPI method
11.6.3	Salmonella	ISO 6579-1:2017 / Amendment 1:2020
11.6.4	<i>Vibrio parahaemolyticus</i>	PCR (In-house)
11.6.7	Aerobic Plate Count	APHA Comp. Ch. 8.72
	Aerobic Plate Count	APHA Comp. Ch. 8.82
	Aerobic Plate Count	TEMPO AC
11.6.8	<i>Staphylococcus aureus</i>	TEMPO STA
11.6.9	<i>Vibrio cholerae</i>	PCR (In-house)
11.8.1	<i>Escherichia coli</i>	Enumeration of <i>E coli</i> in Molluscan Bivalve Shellfish, MPI method
11.8.2	Salmonella	ISO 6579-1:2017 / Amendment 1:2020

Operations Manager Authorisation:		Issue 34	Date:24/09/24	Page 4 of 5
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SCOPE OF ACCREDITATION

	Salmonella	PCR (In house)
11.8.5	<i>Listeria monocytogenes</i> <i>Listeria monocytogenes</i>	ISO 11290-2:2017 PCR (In-house)
11.8.6	Aerobic plate count Aerobic plate count Aerobic plate count	APHA Comp. Ch. 8.72 APHA Comp. Ch. 8.82 TEMPO AC

Dairy Products – Microbiology

(milk, milk powders, butter, caseins, infant formula, cheese)

30.5	Aerobic Plate Count	TEMPO AC
30.6	Coliforms (total)	TEMPO TC
31.1	Aerobic Plate Count	TEMPO AC
31.2	<i>Bacillus cereus</i>	TEMPO BC
31.6	Coliforms (count)	TEMPO TC
31.7	<i>Escherichia coli</i>	TEMPO EC
31.8	Enterobacteriaceae	TEMPO EB
31.10	<i>Listeria monocytogenes</i> (including raw milk)	PCR (In-house)
31.12	Salmonella (detection)	PCR (In-house)
31.14	<i>Staphylococcus aureus</i> (<i>Staphylococcus coagulase positive</i>)	TEMPO STA
31.16	Yeasts and Moulds	TEMPO YM
31.17	<i>Cronobacter</i> spp. including <i>Cronobacter sakazakii</i>	PCR (In-house)

References:

APHA	Standard Methods for the Examination of Water and Wastewaters (Online Edition)
APHA (1970)	Recommended Procedures for the Examination of Seawater and Shellfish (4 th Edition)
APHA Comp.	Compendium of Methods for the Microbiological Examination of Foods (5 th Edition)
FDA	US Food & Drug Administration Bacteriological Analytical Manual (Online Edition)
ISO	International Organisation for Standardisation
MIMM	Meat Industry Microbiological Methods (5 th Edition)
NMD	Animal Products Notice: National Microbiological Database Programme

Operations Manager Authorisation:		Issue 34	Date:24/09/24	Page 5 of 5
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