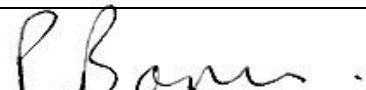


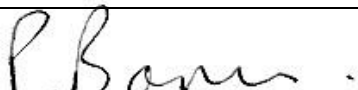
## Laboratory Accreditation Programmes

Schedule to <b>CERTIFICATE OF ACCREDITATION</b>	
<b>Hill Laboratories</b> Microbiology - Hamilton  Private Bag 3205, Waikato Mail Centre, Hamilton, 3240 1 Clow Place, Melville, Hamilton, 3206  <b>Telephone 0508 445-5522</b> <b>Fax</b>	<b>Client No. 4064</b>       <b>www.hill-laboratories.com</b>
<b>Authorised Representative</b> Mrs Shobhna Ram Microbiology Team Leader    <b>Programme</b> MPI Recognised Laboratory Programme  <b>Accreditation Number 1253</b>	
<b>Initial Accreditation Date 27 January 2017</b>	
<b>Conformance Standard</b> NZS ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories  Animal Products Notice – Specifications for Laboratories	
<b>Testing Services Summary</b>   <div style="text-align: center;">           Meat &amp; Poultry Industry Potable Water Microbiology            Meat &amp; Meat Product, Poultry &amp; Honey Microbiology/Parasitology            Seafood Products and Water            Dairy Products - Microbiology         </div>	
<b>Key Technical Personnel</b>  Mrs Priya Babu 1.1.1, 1.2, 1.3, 1.6.1, 1.8, 2.1.1, 2.1.5, 2.1.6, 2.2.1, 2.3, 2.4.1, 2.6, 2.9, 11.1.1, 11.1.2, 11.2.1, 11.2.3, 11.3.1, 11.3.3, 11.4.1, 11.4.2, 11.5.3, 11.5.4, 11.5.10, 11.5.11, 11.6.2, 11.6.7, 11.8.1, 11.8.2, 11.8.5, 11.8.6, 31.10, 31.12, 31.17  Mrs Varsha Boby 1.1.1, 1.2, 1.3, 1.6.1, 1.8, 2.1.1, 2.1.5, 2.1.6, 2.2.1, 2.3, 2.4.1, 2.6, 2.9, 11.1.1, 11.1.2, 11.2.1, 11.2.3, 11.3.1, 11.3.3, 11.4.1, 11.4.2, 11.5.3, 11.5.4, 11.5.10, 11.5.11, 11.6.2, 11.6.7, 11.8.1, 11.8.2, 11.8.5, 11.8.6, 31.10, 31.12, 31.17  Ms Ahalya Mala 1.1.1, 1.2, 1.3, 1.6.1, 1.8, 2.1.1, 2.1.5, 2.1.6, 2.2.1, 2.3, 2.4.1, 2.6, 2.9, 11.1.1, 11.1.2, 11.2.1, 11.2.3, 11.3.1, 11.3.3, 11.4.1, 11.4.2, 11.5.3, 11.5.4, 11.5.10,	

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## Laboratory Accreditation Programmes

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Dr Eilidh Mowat	11.5.11, 11.6.2, 11.6.7, 11.8.1, 11.8.2, 11.8.5, 11.8.6, 31.10, 31.12, 31.17
Mrs Shobhna Ram	2.4.1, 2.6, 11.5.11, 11.8.2, 11.8.5, 31.10, 31.12, 31.17
Mr Kevin Wang	1.1.1, 1.2, 1.3, 1.6.1, 1.8, 2.1.1, 2.1.5, 2.1.6, 2.2.1, 2.3, 2.9, 11.1.1, 11.1.2, 11.2.1, 11.2.3, 11.3.1, 11.3.3, 11.4.1, 11.4.2, 11.5.3, 11.5.4, 11.5.10, 11.6.2, 11.6.7, 11.8.1, 11.8.6
	1.1.1, 1.2, 1.3, 1.6.1, 1.8, 2.1.1, 2.1.5, 2.1.6, 2.2.1, 2.3, 2.4.1, 2.6, 2.9, 11.1.1, 11.1.2, 11.2.1, 11.2.3, 11.3.1, 11.3.3, 11.4.1, 11.4.2, 11.5.3, 11.5.4, 11.5.10, 11.5.11, 11.6.2, 11.6.7, 11.8.1, 11.8.2, 11.8.5, 11.8.6, 31.10, 31.12, 31.17

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Schedule to  
**CERTIFICATE OF ACCREDITATION**

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MPI Recognised Laboratory Programme  
**SCOPE OF ACCREDITATION**

Accreditation Number 1253

**Meat & Poultry Industry Potable Water Microbiology**

In accordance with MIMM: Microbiological Methods for the Meat Industry (5<sup>th</sup> Edition)

1.1.1	Total coliforms / <i>Escherichia coli</i>	11.A1.1
	Total coliforms / <i>Escherichia coli</i>	11.A2 with 11.A2.6
1.2	Faecal coliforms	11.A2 MPN
1.3	Colony count (22 °C)	11.6
1.6.1	<i>Clostridium perfringens</i>	11.A3
1.8	<i>Escherichia coli</i>	11.A1.1

**Meat & Meat Product, Poultry & Honey Microbiology/Parasitology**

In accordance with MIMM: Microbiological Methods for the Meat Industry (5<sup>th</sup> Edition)

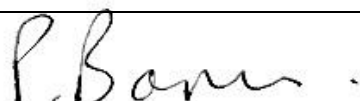
2.1.1	Aerobic Plate Count	MIMM 6
2.1.5	APC	China OMAR 09/35
2.1.6	Aerobic Plate Count	APHA (5th Ed.) 8.72
	Aerobic Plate Count	APHA (5th Ed.) 8.73
	Aerobic Plate Count	APHA (5th Ed.) 8.82
2.2.1	<i>Escherichia coli</i>	MIMM 8.4
2.3	<i>Staphylococcus aureus</i>	MIMM 7.8
2.4.1	Salmonella	In-House (PCR)
2.6	<i>Listeria monocytogenes</i>	In-House (PCR)
2.9	Enterobacteriaceae	MIMM 8.2

**Seafood Products and Water**

In accordance with APHA Compendium of Methods for the Microbiological Examination of Foods (5th Edition) unless where otherwise stated.

11.1.1	Faecal coliforms	MIMM 11.A2
11.1.2	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A1.1
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2 with 11.A2.6
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2.6

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# Laboratory Accreditation Programmes

## Schedule to CERTIFICATE OF ACCREDITATION

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### SCOPE OF ACCREDITATION

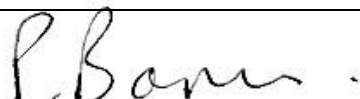
11.2.1	Faecal coliforms	MIMM 11.A2
11.2.3	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A1.1
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2 with 11.A2.6
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2.6
11.3.1	Faecal coliforms	MIMM 11.A2
11.3.3	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A1.1
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2 with 11.A2.6
	Total coliforms / <i>Escherichia coli</i>	MIMM 11.A2.6
11.4.1	<i>Escherichia coli</i>	MIMM 11.A2.6
11.4.2	Total coliforms	MIMM 11.A2
11.5.3	Aerobic Plate Count	APHA Ch. 8.72
	Aerobic Plate Count	APHA Ch. 8.73
	Aerobic Plate Count	APHA Ch. 8.82
11.5.4	<i>Staphylococcus aureus</i>	APHA Ch. 39.6
11.5.10	<i>Escherichia coli</i>	APHA Ch. 9.93
11.5.11	Salmonella	In-house (PCR)
11.6.2	<i>Escherichia coli</i>	Enumeration of <i>E coli</i> in Molluscan Bivalve Shellfish, MPI method
11.6.7	Aerobic Plate Count	APHA Ch. 8.72
	Aerobic Plate Count	APHA Ch. 8.73
	Aerobic Plate Count	APHA Ch. 8.82
11.8.1	<i>Escherichia coli</i>	Enumeration of <i>E coli</i> in Molluscan Bivalve Shellfish, MPI method
11.8.2	Salmonella	In-house (PCR)
11.8.5	<i>Listeria monocytogenes</i>	In-house (PCR)
11.8.6	Aerobic Plate Count	APHA Ch. 8.72
	Aerobic Plate Count	APHA Ch. 8.73
	Aerobic Plate Count	APHA Ch. 8.82

### Dairy Products - Microbiology

31.10	<i>Listeria monocytogenes</i>	In-house
31.12	Salmonella (detection)	In-house
31.17	<i>Cronobacter sakazakii</i>	In-house

### References

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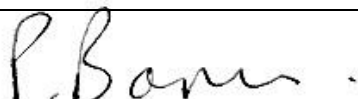
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**CERTIFICATE OF ACCREDITATION**Hill Laboratories  
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APHA    Compendium for the Microbiological Examination of Foods (5<sup>th</sup> Edition)Authorised:  
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