

# Laboratory Accreditation Programmes

Schedule to  
**CERTIFICATE OF ACCREDITATION**

Hill Laboratories

**Client No: 590**

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**www.hill-labs.co.nz**

**Authorised Representative:**  
 Ms Gillian Lees  
 Quality Manager

**Programme**  
 Dairy Testing Laboratory

**Accreditation Number:** 762

**Date of Accreditation:** 10 April 2001

**Conformance Standard**  
 NZS ISO/IEC 17025:2005  
 General requirements for the competence of testing and calibration laboratories

**Testing Services Summary**

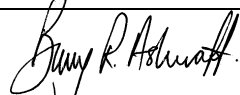
**Chemical**  
 9.01 Dairy Products - Chemical Tests

**Residues**  
 9.61 Dairy Products Residues

**Key Technical Personnel**

**Chemical**  
 Mr Mark Bryant 9.01 (selected tests)  
 Mr Jason Clague 9.01 (selected tests)  
 Mr Shaun Clay 9.01 (selected tests)  
 Mrs Thiru Malar Sritharan 9.01 (selected tests)  
 Mr Richard Schriner 9.01 (ICP-MS)

**Residues**  
 Mr Jason Clague 9.61 (selected tests)  
 Mr Shaun Clay 9.61 (selected tests)  
 Mr Graham Corban 9.61 (selected tests)  
 Ms Helen McGowan 9.61 (selected tests)  
 Dr Peter Robinson 9.61 (selected tests)  
 Dr Bruce Morris 9.61 (DDE)

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 Dairy Testing Laboratory

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**SCOPE OF ACCREDITATION**

**Chemical**

**9.01 Dairy Products - Chemical Tests**

- (a) Milk
- (b) Cream
- (c) Milk powders
- (d) Butter
- (e) Other fat products (AMF)
- (f) Cheese
- (g) Caseins and caseinates
- (h) Whey products
- (i) Cultured products
- (k) Dairy Foods
- (l) Ice Cream
- (n) Alamin

Aflatoxin M1

HPLC - fluorescence

**Sample digestion followed by analysis using the following techniques:**

**ICP-OES**

Calcium	Iron	Magnesium	Phosphorous
Potassium	Sodium	Sulphur	Zinc

**ICP-MS**

Aluminium	Antimony	Arsenic	Boron
Bismuth	Cadmium	Chromium	Cobalt
Copper	Iodine	Lead	Lithium
Manganese	Mercury	Molybdenum	Nickel
Selenium	Silver	Tin	Zinc

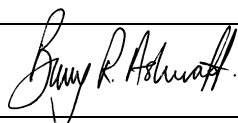
**Residues**

**9.61 Dairy Products Residues**

In accordance with validated in-house methods

Volatile chlorinated hydrocarbons (organic solvents) in dry dairy products by a headspace GCMS in-house method.

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**The following tests are performed at Innovation Park**

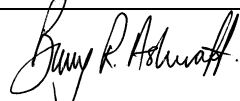
4,4' -DDE in raw milk

In-house SPME-GC-ECD method

Organochlorine pesticides (OC) and metabolites  
Organonitrogen (ON) and organophosphorus (OP) pesticides

Lists of available OC, ON and OP pesticide compounds available on request

Printed from the Internet

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