

Accreditation Certificate

Dairy Science Laboratory

Model Farm Road, Co Cork

Testing Laboratory

Registration number: 254T

is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the schedule bearing the registration number detailed above, in compliance with the International Standard ISO/IEC 17025:2005 2nd Edition *“General requirements for the competence of testing and calibration laboratories”*
(This certificate must be read in conjunction with the annexed schedule of accreditation)

Date of award of accreditation: 16:02:2010

Date of last renewal of accreditation: 16:02:2010

Expiry date of this certificate of accreditation: 16:02:2015

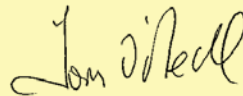
This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 17025 and any further requirements specified by the Irish National Accreditation Board.

Manager: _____



Dr Adrienne Duff

Chairperson: _____



Mr Tom O'Neill

Issued on 16 February 2010

Organisations are subject to annual surveillance and are re-assessed every five years. The renewal date on this certificate confirms the latest date of renewal of accreditation. To confirm the validity of this certificate, please contact the Irish National Accreditation Board.

The INAB is a signatory of the European co-operation for Accreditation (EA) Testing Multilateral Agreement (MLA) and the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement.

Schedule of Accreditation



(Annex to Accreditation Certificate)

Permanent Laboratory:
Category A

DAIRY SCIENCE LABORATORY, CO CORK

Biological testing Laboratory

Initial Registration Date : 16-February-2010
Postal Address: Model Farm Road
(Address of other locations as they apply) Cork
Telephone: +353 (21) 4543300
Fax: +353 (21) 4543767
E-mail: fergal.keohane@agriculture.gov.ie
Contact Name: Ferghal Keohane
Facilities: Normally not available for public testing

Schedule of Accreditation



Permanent Laboratory:
Category A

THE IRISH NATIONAL ACCREDITATION BOARD (INAB) is the Irish body for the accreditation of organisations including laboratories.

Laboratory accreditation is available to testing and calibration facilities operated by manufacturing organisations, government departments, educational institutions and commercial testing/calibration services. Indeed, any organisation involved in testing, measurement or calibration in any area of technology can seek accreditation for the work it is undertaking.

Each accredited laboratory has been assessed by skilled specialist assessors and found to meet criteria which are in compliance with ISO/IEC 17025 or ISO/IEC 15189 (medical laboratories). Frequent audits, together with periodic inter-laboratory test programmes, ensure that these standards of operation are maintained.

Testing and Calibration Categories:

- Category A:** Permanent laboratory calibration and testing where the laboratory is erected on a fixed location for a period expected to be greater than three years.
- Category B:** Site calibration and testing that is performed by staff sent out on site by a permanent laboratory that is accredited by the Irish National Accreditation Board.
- Category C:** Site calibration and testing that is performed in a site/mobile laboratory or by staff sent out by such a laboratory, the operation of which is the responsibility of a permanent laboratory accredited by the Irish National Accreditation Board.
- Category D:** Site calibration and testing that is performed on site by individuals and organisations that do not have a permanent calibration/testing laboratory. Testing may be performed using
- (a) portable test equipment
 - (b) a site laboratory
 - (c) a mobile laboratory or
 - (d) equipment from a mobile or site laboratory

Standard Specification or Test Procedure Used:

The standard specification or test procedure that is accredited is the issue that is current on the date of the most recent visit, unless otherwise stated.

Glossary of Terms

Facilities:

- Public calibration/testing service:** Commercial operations which actively seek work from others.
- Conditionally available for public calibration/testing:** Established for another primary purpose but, more commonly than not, is available for outside work.
- Normally not available for public calibration/testing:** Unavailable for public calibration/testing more often than not.

Laboratory users wishing to obtain assurance that calibration or test results are reliable and carried out to the Irish National Accreditation Board criteria should insist on receiving an accredited calibration certificate or test report.

Users should contact the laboratory directly to ensure that this scope of accreditation is current. INAB will, on request, verify the status and scope.

Scope of Accreditation



Dairy Science Laboratory Biological Testing Laboratory

Permanent Laboratory:
Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy Products -Milk/whey powder - Ice cream - Other frozen dairy products - Miscellaneous pasteurised products - Dairy deserts - Non frozen dairy deserts - Animal by-products (dairy origin) -Veterinary milk	Detection and Enumeration of Enterobacteriaceae.	SOP01.021 based on ISO 21528-2:2004
.01 Dairy Products -liquid milk	Determination of the phosphatase content (Fluorometric)	Lab SOP01.032 based on ISO 11816-1:2006, IDF 155-1:2006
.01 Dairy Products - Liquid milk - Milk powders	Qualitative detection of antibiotics (Penicillin and Sulphonamide) using Delvo kits	Lab SOP01.031 based on DSM Test Kit instructions

Scope of Accreditation



Dairy Science Laboratory

Permanent Laboratory:

Biological Testing Laboratory

Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy products -Milk /whey powders -Cheese made from raw milk. -Cheese made from raw milk with lower heat treatment than pasteurisation -Ripened cheese made from pasteurised milk -Unripened soft cheese made from pasteurised milk - Unpasteurised drinking milk	Enumeration of coagulase-positive Staphylococci.	SOP01.005 based on ISO 6888-2

Scope of Accreditation



Dairy Science Laboratory

Permanent Laboratory:

Biological Testing Laboratory

Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy products - Butter/cream (unpasteurised) - Cheese made from milk with lower heat treatment than pasteurisation - Ripened cheese made from pasteurised milk - Unripened soft cheese made from pasteurised milk - Unpasteurised drinking milk	Enumeration of E. coli.	SOP01.004 based on ISO 16649-2:2001

Scope of Accreditation



Dairy Science Laboratory Biological Testing Laboratory

Permanent Laboratory:
Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy products Dairy products - Butter/cream (unpasteurised) - Butter (pasteurised)/spreads - Cheese made from raw milk - Cheese made from milk with lower heat treatment than pasteurisation - Ripened cheese made from pasteurised milk - Unripened soft cheese made from pasteurised milk - Pasteurised milk and other pasteurised liquid dairy products including cream/yogurt/ice cream mix	Detection of Listeria monocytogenes	SOP01.018 based on ISO 11290-1

Scope of Accreditation



Dairy Science Laboratory

Permanent Laboratory:

Biological Testing Laboratory

Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy products - Ice cream & other frozen dairy products, - miscellaneous pasteurised products, - dairy deserts, non-frozen dairy products - Unpasteurised drinking milk -Veterinary milk	Detection of Listeria monocytogenes	SOP01.018 based on ISO 11290-1:1998 & A1:2004

Scope of Accreditation



Dairy Science Laboratory

Permanent Laboratory:

Biological Testing Laboratory

Category A

INAB Classification number (P9)	Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811	Microbiological tests on foods		Documented in-house methods
.01	Dairy products - Milk/whey powders - Butter/cream (unpasteurised) - Cheese made from raw milk - Cheese made from milk with lower heat treatment than pasteurisation - Ice cream & other frozen dairy products, miscellaneous - pasteurised products, dairy deserts, non-frozen dairy products - Unpasteurised drinking milk - Animal by-products (dairy origin)	Detection of Salmonella.	SOP01.024 based on ISO 6579:2002 & A1:2007

Scope of Accreditation



Dairy Science Laboratory

Permanent Laboratory:

Biological Testing Laboratory

Category A

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
811 Microbiological tests on foods		Documented in-house methods
.01 Dairy products Dairy products - Milk/whey powders	Enumeration of Listeria monocytogenes	SOP01.027 based on ISO 11290-2 1998 & A1:2004
870 Waters including effluents		
.11 Bacteriological condition of potable waters	Detection and enumeration of intestinal Enterococci by Membrane Filtration	Lab SOP01.026 bases on ISO 7899- 2:2000
.99 Other tests - Process waters	Enumeration of Coliforms and E.coli in water by MPN using Colilert.	Lab SOP01.022 based on The Microbiology of Drinking water (2009) (Part 4)