

# Accreditation Certificate

## Dairy Science Laboratory

Kileely Road, Limerick

Testing Laboratory

Registration number: 248T

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 2<sup>nd</sup> Edition** “*General requirements for the competence of testing and calibration laboratories*”  
***(This certificate must be read in conjunction with the annexed schedule of accreditation)***

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Date of award of accreditation: **27:10:2009**

Date of last renewal of accreditation: **29:05:2014**

Expiry date of this certificate of accreditation: **29:05:2019**

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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 29<sup>th</sup> May 2014

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

### Biological testing Laboratory

**Initial Registration Date :** 27-October-2009  
**Postal Address:** Kileely Road  
**(Address of other locations as they apply)** Limerick  
**Telephone:** +353 (61) 452444  
**Fax:** +353 (61) 452054  
**E-mail:** lisa.miskella@agriculture.gov.ie  
**Contact Name:** Lisa Miskella  
**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
- portable test equipment
  - a site laboratory
  - a mobile laboratory or
  - 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

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
<b>811 Microbiological tests on foods</b> .01 Dairy Products .14 Cocoa and Cocoa preparations (chocolate), coffee and tea .15 Confectionary	Detection of <i>Listeria monocytogenes</i> .	C.M001 based on ISO 11290-1:1996, incorporating amendment 1:2004
<b>811 Microbiological tests on foods</b> .01 Dairy Products .14 Cocoa and Cocoa preparations (chocolate), coffee and tea .15 Confectionary	Detection of <i>Listeria monocytogenes</i> .	C.M018 based on VIDAS LM02 and AFNOR certified VIDAS Method Bio 12/11 - 03/04 and ISO 11290-1:1996 incorporating amendment 1:2004
<b>811 Microbiological tests on foods</b> .01 Dairy products	Enumeration of <i>Listeria monocytogenes</i> .	C.M002 based on ISO 11290-2:1998, incorporating amendment 1:2004

# 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
<b>811 Microbiological tests on foods</b> .01 Dairy products .14 Cocoa and Cocoa preparations (chocolate), coffee and tea .15 Confectionary	Detection of Salmonella spp.	C.M003 based on ISO 6579:2002, incorporating amendment 1: 2007
<b>811 Microbiological tests on foods</b> .01 Dairy products .14 Cocoa and Cocoa preparations (chocolate), coffee and tea .15 Confectionary	Detection of Salmonella spp.	C.M019 based on VIDAS UP Salmonella SPT and AFNOR certified VIDAS method Bio 12/32 - 10/11 and ISO 6579:2002 incorporating amendment 1:2007
<b>811 Microbiological tests on foods</b> .01 Dairy products <i>Dried infant formula only</i>	Detection of <i>Cronobacter spp.</i> ( <i>Enterobacter sakazakii</i> )	C.M004 based on ISO/TS 22964: 2006

# 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 <b>Microbiological tests on foods</b> .01    Dairy products	Enumeration of <i>E. coli</i> . Colony count at 44°C using pour plate technique.	C.M005 based on ISO 16649-2:2001
811 <b>Microbiological tests on foods</b> .01    Dairy products	Detection of Enterobacteriaceae.	C.M006 based on ISO 21528-1:2004

# 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 <b>Microbiological tests on foods</b> .01    Dairy products	Enumeration of Enterobacteriaceae. Pour plate technique.	C.M008 based on ISO 21528-2:2004
811 <b>Microbiological tests on foods</b> .01    Dairy products	Enumeration of coagulase- positive Staphylococci. Colony count using pour plate technique.	C.M009 based on ISO 6888-2:1999 incorporating amendment 1: 2003
811 <b>Microbiological tests on foods</b> .01    Dairy products <i>Dried infant formula only</i>	Enumeration of presumptive <i>Bacillus cereus</i> at 30°C using spread plate technique.	C.M012 based on ISO 7932:2004
811 <b>Microbiological tests on foods</b> .01    Dairy products - Liquid milk - Milk powder	Determination of Alkaline Phosphatase Activity (Fluorimetric)  Detection of Antibacterial Substances (penicillin and sulphonamide antibiotics) using Delvotest	C.M016 based on ISO 11816-1:2013  C.M017 based on DSM Delvotest SP NT Plate Method

# 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
870 Waters	Enumeration of Coliforms and E.coli in water by MPN using Colilert.	C.M010 based on ISO 9308-2:2014
.11 <i>Bacteriological condition of potable waters</i>	Detection and enumeration of intestinal Enterococci by Membrane Filtration.	C.M011 based on ISO 7899-2:2000