

Accreditation Certificate

Enfer Labs

Mocklerstown House, Ballyclerihan, Clonmel, Co. Tipperary.

Testing Laboratory

Registration number: 294T

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)

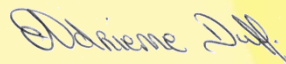
Date of award of accreditation: **13:09:2011**

Date of last renewal of accreditation: **05:09:2016**

Expiry date of this certificate of accreditation: **05:09:2021**

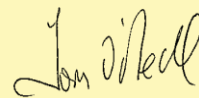
This Accreditation shall remain in force until further notice subject to continuing compliance with INAB accreditation criteria, ISO/IEC 17025 and any further requirements specified by the Irish National Accreditation Board.

Manager: _____



Dr Adrienne Duff

Chairperson: _____



Mr Tom O'Neill

Issued on 05 September 2016

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

Enfer Labs

Veterinary & Biological Testing Laboratory

Veterinary Testing

Initial Registration Date : 13-September-2011

Biological Testing:

Initial Registration Date: 3-December-2013

Postal Address:

(Laboratory Address)

Unit T
M7 Business Park,
Newhall,
Naas,
Co. Kildare

Telephone:

+353 (+45) 983800

Fax:

+353 (+45) 983801

E-mail:

paulsimmons@enfergroup.com

Contact Name:

Dr Paul Simmons

Facilities:

Public testing service

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 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



Enfer Labs

Veterinary 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
1314 Virology		
.03 Immunological methods of antigen detection	<p>Detection of Bovine Viral Diarrhoea Virus (BVDV) antigens in serum / plasma using the Idexx Herdchek BVDV Ag-Serum Plus ELISA Kit</p> <p>Detection of Bovine Viral Diarrhoea Virus (BVDV) antigens in ear notches using Allflex Ultraflex Female TST with Dry tube/Ultraflex Male combination, Caisley FlexoPlus Geno and Typifix MF16 DM TYPIFIX-S Large Tags and the Idexx Herdchek BVDV Ag-Serum Plus ELISA Kit</p>	<p>Documented in-house method (SPT036) based on Idexx Herdchek BVDV Ag-Serum Plus Kit IFU (instructions for Use)</p> <p>Documented in-house method (SPT036) based on Idexx Herdchek BVDV Ag-Serum Plus Kit IFU (instructions for use)</p>

Scope of Accreditation



Enfer Labs

Permanent Laboratory:

Category A

Veterinary Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
<p>1314 Virology</p> <p>.05 Identification by molecular techniques</p>	<p>Detection of Bovine Viral Diarrhoea Virus (BVDV) antigens in blood and serum using the LDL Virotyping BVDV Real Time RT-PCR Test Kit</p> <p>Detection of Bovine Viral Diarrhoea Virus (BVDV) in ear notches using Detection of Bovine Viral Diarrhoea Virus (BVDV) antigens in ear notches using Allflex Ultraflex Female TST with Dry tube/Ultraflex Male combination, Caisley FlexoPlus Geno and Typifix MF16 DM TYPIFIX-S Large Tags and the Idexx Herdchek BVDV Ag-Serum Plus ELISA Kit and the LDL Virotyping BVDV Real Time RT-PCR Test Kit Semi-Automated method with up to 25 samples per pool</p>	<p>Documented in-house method (SPT055) based on LDL Virotyping BVDV Real Time RT-PCR Test Kit IFU (instructions for use)</p> <p>Documented in-house method (SPT055) based on LDL Virotyping BVDV Real Time RT-PCR test Kit IFU (instructions for use)</p>

Scope of Accreditation



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Veterinary Testing Laboratory

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INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
<p>1315 Prions</p> <p>.02 Detection of prion protein by immunological methods</p> <p><i>Bovine Central Nervous tissue</i></p>	<p>Idexx HerdChek BSE/Scrapie Antigen Test Kit</p>	<p>Documented in house Method based on Idexx HerdChek BSE/Scrapie Antigen Test Kit Insert Ultra Short protocol (Instructions For Use) SPT 040</p>
<p>.02 Detection of prion protein by immunological methods</p> <p><i>Ovine and Caprine Central Nervous Tissue</i></p>	<p>IDEXX HerdChek BSE/Scrapie Antigen Test Kit</p>	<p>Documented in-house method (SPT072) based on IDEXX HerdChek BSE/Scrapie Antigen Test Kit Ultra Short Protocol IFU (instructions for use)</p>

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Veterinary Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1325 Serology of Infection		
.03 Enzyme Linked Immunosorbent Assays	<p>Detection of Bovine Herpes Virus Type 1 (IBR) gB Antibodies in serum and plasma using the LDL Cattletype BHV1 gB Antibody Test Kit</p> <p>Detection of Bovine Herpes Virus Type 1 (IBR) gE Antibodies in serum and plasma using the Idexx BHV1 gE Antibody Test Kit</p> <p>Detection of Bovine HerpesVirus Type 1 (IBR) gE Antibodies in individual and bulk milk samples using the Idexx BHV1 gE Antibody Test Kit</p>	<p>Documented in house method (SPT048) based on LDL Cattletype BHV1 gB Antibody Test Kit IFU (instructions for use)</p> <p>Documented in-house method (SPT045) based on Idexx BHV1 gE Antibody Test Kit IFU (instructions for use)</p> <p>Documented in-house method (SPT045) based on Idexx BHV1 gE Antibody Test Kit IFU (instructions for use)</p>

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INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1325 Serology of Infection		
.03 Enzyme Linked Immunosorbent Assays	<p>Detection of Bovine HerpesVirus Type 1 (IBR) Antibodies in bulk milk samples using the Idexx IBR Virus Antibody Test Kit</p> <p>Detection of Bovine Viral Diarrhoea Antibody in bovine serum and plasmas using the Idexx BVD Total Ab test kit</p> <p>Detection of Bovine Viral Diarrhoea Antibody in bovine individual and bulk milk using the Idexx BVD Total Ab test kit</p>	<p>Documented in-house method (SPT047) based on Idexx IBR Virus Antibody Test Kit IFU (instructions for use)</p> <p>Documented in-house Documented in-house method (SPT064) based on Idexx BVD Total Ab Test Kit IFU (instructions for use)</p> <p>Documented in-house method (SPT064) based on Idexx BVD Total Ab test kit (instructions for use)</p>

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INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1325 Serology of Infection .03 Enzyme Linked Immunosorbent Assays	<p>Detection of Bovine Viral Diarrhoea Antibody in bovine serum and plasmas using the Idexx BVD P80 Ab test kit</p> <p>Detection of Bovine Viral Diarrhoea Antibody in bovine individual and bulk milk using the Idexx BVD P80 Ab test kit</p> <p>Detection of Neospora Antibody in bovine serum, plasma, individual milk and bulk milk using the Svanova Neospora caninum iscom ELISA Antibody Test Kit</p>	<p>Documented in-house method (SPT063) based on Idexx BVD P80 Ab test kit (instructions for use)</p> <p>Documented in-house method (SPT063) based on Idexx BVD P80 Ab test kit (instructions for use)</p> <p>Documented in-house method (SPT070) based on Svanova Neospora caninum iscom ELISA Antibody Test Kit</p>
1340 Biochemistry .04 Pregnancy diagnosis	<p>Detection of Pregnancy Associated Glycoproteins (PAG) using the Idexx Milk Pregnancy Test Kit</p>	<p>Documented in-house method (SPT065) based on Idexx Milk Pregnancy test kit (instructions for use)</p>

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Veterinary Testing Laboratory

INAB Classification number (P9) Materials/products tested	Type of test/properties measured Range of measurement	Standard specifications Equipment/techniques used
1371 Johne's Disease		
.13 Enzyme linked immunosorbent assays	<p>Detection of Mycobacterium avium subsp. Paratuberculosis Antibodies in bovine serum and plasmas using the IDVET IDScreen Paratuberculosis Indirect Test Kit</p> <p>Detection of Mycobacterium avium subsp. Paratuberculosis Antibodies in bovine individual and bulk milk using the IDVET IDScreen Paratuberculosis Indirect Test Kit</p>	<p>Documented in-house method (SPT044 based) on IDVET IDScreen Paratuberculosis Indirect Test Kit IFU (Instructions For Use)</p> <p>Documented in-house method (SPT044 based) on IDVET IDScreen Paratuberculosis Indirect Test Kit IFU (Instructions For Use)</p>