

Accreditation Certificate

Bord na gCon - Irish Greyhound Board

National Greyhound Laboratory, Limerick Greyhound Stadium, Dock Road,
Limerick

Testing Laboratory

Registration number: 128T

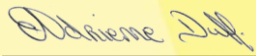
is accredited by the Irish National Accreditation Board (INAB) to undertake testing as detailed in the Schedule bearing the Registration Number detailed above, in compliance with the International Standard **ISO/IEC 17025:2005 2nd Edition** “General Requirements for the Competence of Testing and Calibration Laboratories”
(This Certificate must be read in conjunction with the Annexed Schedule of Accreditation)

Date of award of accreditation: 20:05:2002


Date of last renewal of accreditation: 05:12:2016

Expiry date of this certificate of accreditation: 05:12:2021

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: 

Ms Ita Kinahan

Issued on 5 December 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

BORD NA GCON - IRISH GREYHOUND BOARD

Chemical Testing Laboratory

Initial Registration Date :	20-May-2002
Postal Address:	Irish Greyhound Board
(Address of other locations as they apply)	Bord na gCon Limerick Greyhound Stadium, Dock Road, Limerick
Telephone:	+353 (61) 448000
Fax:	+353 (61) 316739
E-mail:	jim.healy@igb.ie
Contact Name:	Dr Jim Healy
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 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



Bord na gCon - Irish Greyhound Board

Chemical 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
771 Biological Monitoring		Documented In-house methods:
.21 Drugs and drug metabolites <i>Canine Urine</i>	Identification and confirmation of the presence of Prohibited Substances in urine.*	SOP SPE01 Screen, IOI GCMS01 Screen, SOP SPE01 Conf, IOI GCMS01 Conf
	Prohibited Substance	Derivatization Method: MSTFA
	Acepromazine 0.18 - 74 µg/ml	MSTFA
	Acetaminophen (Paracetamol) 0.0625 - 500 µg/ml	BSTFA with 1% TMCS
	Benzoylecgonine (SIM) 0.025 - 200 µg/ml	BSTFA with 1% TMCS MBTFA
	Benzoylecgonine (Full scan) 0.0039 - 200 µg/ml	MBTFA
	1-Benzylpiperazine (BZP) 0.125 - 200 µg/ml	MBTFA
	1- Benzylpiperazine (BZP) 0.0078 - 200 µg/ml (SIM)	MBTFA
	Amphetamine 0.04 - 147 µg/ml	None
	Caffeine 4 - 400 µg/ml	MSTFA
	Carprofen 0.0078 - 100 µg/ml	Methyl Iodide
	Cinchophen 0.125 - 300 µg/ml	None
	Chlorpromazine 0.028 - 90 µg/ml	MSTFA
	Codeine 0.0156 - 300 µg/ml	None
	Cyclizine 0.22 - 88 µg/ml	MSTFA
	Diclofenac 0.1164 - 279 µg/ml	None
	Dicyclomine 0.22 - 89 µg/ml	Methyl Iodide
	Diflunisal 0.125 - 100 µg/ml	none
	Etamiphylline 0.14 - 55 µg/ml	TMAH
	Ephedrine 0.0313 - 100 µg/ml	None
	5α-Estran-3β, 17β-diol 0.00195 - 4µg/ml	MSTFA Activated III followed by MBTFA MSTFA activated 1 or MSTFA /ITMS

*Flexible scope: Additional drugs may be added and ranges extended in accordance with the laboratory's approved and documented procedures. For details refer to the laboratory's Master List of Flexible Scope Changes, available from the laboratory.

Scope of Accreditation



Bord na gCon - Irish Greyhound Board

Chemical 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
771 Biological Monitoring .21 Drugs and drug metabolites <i>Canine Urine</i>	<p>Identification and confirmation of the presence of Prohibited Substances in urine.*</p> <p>Prohibited Substance</p> <p>Fenoprofen 0.5 - 200 µg/ml Firocoxib 0.25 - 400 µg/ml Flufenamic acid 0.125 - 200 µg/ml Flunixin 0.0156 - 200 µg/ml Frusemide 0.125 - 200 µg/ml Guaiphenesin 0.250 - 100 µg/ml Heptaminol 0.05 - 400 µg/ml Heptaminol 0.0078 - 400 µg/ml Ibuprofen 0.125 - 300 µg/ml Ibuprofen 0.0625 - 300 µg/ml Ketoprofen 0.0625 - 300 µg/ml Ketoprofen 0.125 - 200 µg/ml Ketorolac 0.17 - 136 µg/ml Lidocaine 0.25 - 200 µg/ml Lidocane 0.0156 - 200 µg/ml Mefenamic acid 0.33 - 300 µg/ml Methylphenidate 0.0541 - 173 µg/ml Morphine 0.047 - 150 µg/ml Morphine 0.024 - 150 µg/ml Naproxen 0.125 - 100 µg/ml Nikethamide 0.0625 - 200 µg/ml Nimesulide 0.25 - 200 µg/ml</p>	<p>Documented In-house methods: SOP SPE01 Screen IOI GCMS01 Screen SOP SPE01 Conf IOI GCMS01 Conf</p> <p>Derivatization Method: TMAH None TMAH Methyl Iodide TMAH None MBTFA MSTFA TMAH Methyl Iodide Methyl Iodide TMAH Methyl Iodide None MSTFA TMAH MBTFA MBTFA MSTFA TMAH None None</p>

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Chemical 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
771 Biological Monitoring		Documented In-house methods:
.21 Drugs and drug metabolites <i>Canine Urine</i>	Identification and confirmation of the presence of Prohibited Substances in urine.* Prohibited Substance	SOP SPE01 Screen IOI GCMS01 Screen SOP SPE01 Conf IOI GCMS01 Conf
	Norandrosterone 0.00195 - 4 µg/ml	Derivatization Method: MSTFA activated I or MSTFA/ITMS
	Norepiandrosterone 0.00195 - 4 µg/ml	MSTFA activated I or MSTFA/ITMS
	Noretiocholanone 0.00195 - 4 µg/ml	MSTFA activated I or MSTFA/ITMS
	Oxyphenylbutazon 0.0156 - 300 µg/ml	Methyl Iodide
	Pentobarbitone 0.125 - 100 µg/ml	TMAH
	Phenobarbital 0.031 - 100 µg/ml	Ethyl Iodide
	Phenobarbital 0.125 - 100 µg/ml	TMAH
	Phentermine 0.20 - 80 µg/ml	MBTFA
	Phenylbutazone 0.125 - 400 µg/ml	TMAH
	Phenylbutazone 0.125 - 400 µg/ml	Methyl Iodide
	Phenylpropanolamine 0.0156 - 200 µg/ml	MBTFA
	Phenylpropanolamine 0.0625 - 200 µg/mg	MSTFA Activated III following by MBTFA
	Primidone 0.125 - 100 µg/ml	TMAH
	Procaine 0.054 - 173 µg/ml	MSTFA
	Procaine 0.0135 - 173 µg/ml	None
	Propranolol 0.05 - 88 µg/ml	MBTFA
	Pseudoephedrine 0.0313 - 100 µg/ml	MSTFA Activated III followed by MBTFA
	Quinine 1.0 - 300 µg/ml	None

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Scope of Accreditation



Bord na gCon - Irish Greyhound Board

Chemical 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
771 .99 Biological Monitoring Other Substances <i>Canine Urine</i>	Extraction and quantification of caffeine in urine, Range: 1µg/ml to 20µg/ml	Extraction method: SOP LC02 Quantification method: IOI LC02

771 .21 Biological Monitoring Drugs and drug metabolites <i>Canine Urine</i>	Identification and confirmation of the presence of Prohibited Substances in urine.* Prohibited Substance Amitriptyline 0.0039-200 µg/ml Etamiphylline 0.0085-218 µg/ml Meloxicam 0.0313 - 200 µg/ml Procaine 0.0034 - 173µg/ml Pyrazole Acid 0.00195 - 300 µg/ml Ranitidine 0.014 - 448 µg/ml Sildenafil 0.250 - 200 µg/ml Tepoxalin 0.00195 - 300 µg/ml Etamiphylline 0.043 - 218 µg/ml	Documented in-house methods: SOP SPE01 Conf SOP IOI LCMS01 Conf Derivatization Method: NONE NONE (LCMS ²) (Confirmatory) NONE (LCMS ³) NONE (LCMS ³) (Confirmatory)
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*Flexible scope: Additional drugs may be added and ranges extended in accordance with the laboratory's approved and documented procedures. For details refer to the laboratory's Master List of Flexible Scope Changes, available from the laboratory.

Scope of Accreditation



Bord na gCon - Irish Greyhound Board

Chemical 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
771 .21 Biological Monitoring Drugs and drug metabolites <i>Canine Urine</i>	Identification of the presence of Prohibited Substances in urine by Triple quadrupole LC-MS/MS.* Prohibited Substance Validated Limit - 1 ng/ml Betamethasone Dexamethasone Firocoxib Flufenamic acid Flumethasone Flunixin Furosemide Ketoprofen Mefenamic acid Meloxicam Paracetamol Piroxicam Prednisolone Triamcinolone acetonide	Documented in-house methods: IOI LCMS02 Acid screen

**Flexible scope: Additional drugs may be added and ranges extended in accordance with the laboratory's approved and documented procedures. For details refer to the laboratory's Master List of Flexible Scope Changes, available from the laboratory.*

Scope of Accreditation



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Chemical 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
771 .21 Biological Monitoring Drugs and drug metabolites <i>Canine Urine</i>	Identification of the presence of Prohibited Substances in urine by Triple quadrupole LC-MS/MS.* Prohibited Substance Validated Limit - 0.5 ng/ml Amphetamine Azaperone Benzylpiperazine Cocaine Cyclizine Ephedrine Etamphylline Ketamine Salbutamol Terbutaline Timolol Vardenafil	Documented in-house methods: IOI LCMS02 Underivatized base screen

**Flexible scope: Additional drugs may be added and ranges extended in accordance with the laboratory's approved and documented procedures. For details refer to the laboratory's Master List of Flexible Scope Changes, available from the laboratory.*

Scope of Accreditation



Bord na gCon - Irish Greyhound Board Chemical 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
771 Biological Monitoring .21 Drugs and drug metabolites <i>Canine Urine</i>	Identification and confirmation of the presence of Prohibited Substances in urine.* 6α-hydroxystanozolol 0.004 - 200 ng/ml	Documented in-house methods: IOI LCMS02Conf (Triple quadrupole LC-MS/MS)
*Flexible scope: Additional drugs may be added and ranges extended in accordance with the laboratory's approved and documented procedures. For details refer to the laboratory's Master List of Flexible Scope Changes, available from the laboratory.		