Schedule of Accreditation

Organisation Name	The Irish Equine Foundation Ltd
Trading As	Irish Equine Centre & IDLS Limited by Guarantee
INAB Reg No	151T
Contact Name	Chris McBride
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	05/04/2004
Scope Classification	Biological and Veterinary Testing
Scope Classification	Chemical Testing

Services available to the public[1]

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Head Office	Johnstown, Naas, Kildare, W91 RH93

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference	
802 Preparation of films on slides followed by microscopic examination with or without fixation and staining with dyes as required - .05 Microscopic examination for constituents of animal origin	Detection of terrestrial invertebrate (insect) constituents in animal feedingstuffs.	Microscopy	Animal feedingstuffs	Reference P5.6.017	P5.6.017	
	Method for the analysis of animal feedingstuffs for constituents of animal origin.		Animal feedingstuffs.	Reference P5.6.001	P5.6.001	
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for	Detection (not including identification) of anti-microbial substances in animal tissues listed.	Culture	Muscle tissue of Avian, Bovine, Fish, Ovine and Porcine.	Reference P5.091	P5.091	

growth - .01 Culture of bacteria						
	Detection and Enumeration of intestinal Enterococci and Escherichia coli in water samples by Membrane Filtration	Membrane Filtration	Mains Water Well Water Canal Water River Water	Reference P5.144	P5.144	
	Detection of Salmonella Gallinarum and Pullorum by a selective enrichment technique.	Culture	Dust, Fluff, Meconium, Chicks.	Reference P5.141	P5.141	
	Detection of Salmonella spp. by a selective enrichment method.		Boot swabs, Dust/fluff, Equine, porcine, bovine and Poultry faeces, Chick box liners/ Hatcher basket liners, Chick carcases, Egg shell/litter/ bedding, Environmental swabs, Poultry & animal feed, Food samples (raw & cooked)	Reference P5.020	P5.020	
	Detection of Trichinella in Porcine and Equine Muscle by Magnetic stirrer method for Pepsin digestion.		Porcine and Equine Muscle	Reference P5.136	P5.136	

	Examination of specimens/swabs for Taylorella equigenitalis, Klebsiella pneumoniae and Pseudomonas aeruginosa		Swabs, Fluid	Reference P5.052	P5.052	
	Microbiology of animal by-products – enumeration of B-glucuronidase positive E. coli and presence of Salmonella sp. from compost and digestate samples	Culture (Enumeration)	Compost and Digestate.	Reference P5.126	P5.126	
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	Detection of Specified Risk Material	ELISA	Raw Meat, Meat Products and Contaminated Surfaces	Reference P5.5.110	P5.5.110	
805 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids using appropriate techniques - .05 Nucleotide sequencing & analysis	Detection and quantification of Influenza Type A in Naso pharyngeal swabs using RT-PCR.	PCR	Nasal Swabs	Reference PM2.023	PM2.023	
	Detection of Equine Herpes Virus Type 1		Nasal Swabs, Heparinised Blood, Tissue	Reference PM2.034	PM2.034	
	Detection of Ruminant DNA in feed using real-time PCR.	Real-time PCR using a LightCycler 480.	Feed.	LightCycler 480	P5.6.009, P5.6.010 and P5.6.011	
	Molecular method for the detection of	PCR	Nasal Swabs	Reference PM2.032	PM2.032	

	Influenza Type A nucleic acid in Nasal swabs					
	Molecular method for the Quantification of Equine Herpes Virus Type 1 (EHV) nucleic acid in Nasal swabs & Heparinised bloods.		Nasal Swabs, Heparinised Blood	Reference PM2.022	PM2.022	
808 Detection of antibody response to infection using appropriate techniques - .09 Haemagglutination inhibition	Haemagglutination inhibition procedure for the detection and quantification of equine influenza virus anitbodies in serum	Antibody-Antigen detection	Serum	Reference P2.014	P2.014	
808 Detection of antibody response to infection using appropriate techniques - .11 Agar gel immunodiffusion	Detection and quantification of antibodies in serum to Equine Influenza by Single Radial Haemolysis test	Single radial Haemolysis	Serum	Reference P2.022	P2.022	
	Detection of specific antibody to Equine Infectious Anaemia Virus in the serum of infected horses using the COGGINS_AGID test method and kits supplied by ID Vet/VMRD.	Agar gel immuno diffusion	Serum	Reference P2.015	P2.015	
808 Detection of antibody response to infection using appropriate techniques - .13 Complement fixation test	Detection and Quantification of Equine Herpes virus type 1 and 4 antibodies using	Antibody Antigen Detection	Serum	P2.011	P2.011	

	Complement Fixation Test.					
808 Detection of antibody response to infection using appropriate techniques - .14 Serum neutralisation test	Detection and Quantification of Equine Herpes Virus type 1 and 4 antibodies using Virus Neutralisation Test (VNT).	Virus Neutralisation Test (VNT).	Serum	Reference P2.026	P2.026	
	The Detection and Quantification of antibodies to Equine Arteritis Virus (EAV) using the Virus Neutralisation Test (VNT)	Virus Neutralisation Test (VNT)	Serum	Ref P2.017	P2.017	
808 Detection of antibody response to infection using appropriate techniques - .15 Enzyme immunoassay, using non CE marked systems / in house methods.	Detection of Antibodies to Equine Infectious Anaemia Virus	ELISA a) ID Vet ELISA Kit, b) VMRD ELISA kit.	Equine serum	Reference PA2.013	PA2.013	

Head Office

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
751 Food testing - .02 Nutritional analysis	Quantitative analysis of nutritional parameters in animal feed and ingredients using near infra-red reflectance (NIR) spectroscopy	Moisture, oil a, oil b, protein, fibre and ash.		Equine & ruminant feed and cereals	Near infra-red reflectance (NIR) spectroscopy	P7.2.003
752 Chemical residue testing - .01 Drugs and drug metabolites	A screening method for the detection of Beta-agonists in urine by UPLC-MS/MS.	Beta-agonists	0.1 to 0.25 µg/l	Bovine urine	UPLC-MS/MS	P5.7.035
	A screening method for the detection of Estradiol in bovine, porcine and equine serum using the IMMULITE 2000	Estradiol	0.1µg/l	Serum Bovine, Porcine and Equine	Immulite	P5.5.122
	Chloramphenicol in matrix listed (Screening method) **1234	Chloramphenicol	Urine/porcine 0.25 µg/l	Chloramphenicol in Porcine Urine.	ELISA	P5.5.78

	Ethinyl estradiol in Bovine and Porcine urine (Screening method) **1234	Ethinylestradiol	0.4µg/l	Bovine and Porcine Urine	ELISA	P5.5.124
	Progesterone in bovine serum	Progesterone	1.0 µg/l	Bovine Serum	Immulite	P5.5.100
	Screening for naturally occurring prohibited substances by LC-MS/MS	Atropine Caffeine Hordenine Hyoscine Morphine Theobromine Theophyline	Atropine 0.05 mg/kg Caffeine 0.05 mg/kg Hordenine 50 mg/kg Hyoscine 0.05 mg/kg Morphine 0.03 mg/kg Theobromine 2.0 mg/kg Theophylinne 0.25 mg/kg	Equine Feed Animal Feed Supplements Cereals	UPLC-MS/MS	P7.4.009
	Testosterone in bovine and porcine serum (Screening method) **1234	Testosterone	Serum (female) 0.5 µg/l Serum (male) /bovine, porcine 10.0 µg/l	Bovine and Porcine Serum	ELISA	P5.5.104
752 Chemical residue testing - .03 Mycotoxins	Quantitative determination of mycotoxins in animal feeds and ingredients by LC-MS/MS	Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Deoxynivalenol Ochratoxin A HT-2 T-2 Zearalenone	Aflatoxins B1, B2, and G1: 0.75-100 ug/ kg Deoxynivalenol (DON): 18 - 600 ug/ kg HT-2 and T-2: 9 - 1200 ug/ kg Ochratoxin (OTA)A: 3 - 400 ug/ kg	Commodity group: High starch and/or protein content and low water and fat content (wheat, maize, oats, animal feed)	UPLC-MS/MS	P7.4.005

			Zearalenone (ZON): 15 - 2000 ug/ kg			
766 Environmental testing (inc waters) - .04 Organic	Determination of Organic Matter (OM) in Soil Through the Loss of Ignition	Organic Matter	3.32 %	Soil	Muffle Furnace	P7.3.016
766 Environmental testing (inc waters) - .05 Inorganic	Analysis of drinking water Samples using a Gallery Plus Discrete Analyser	Alkalinity Ammonia Chloride Fluoride Nitrate by Calculation Nitrite Sulphate Total Hardness TON (Total Oxidised Nitrogen)	Alkalinity (5 mg/L) Ammonia (0.1 mg/L) Chloride (5 mg/L) Fluoride (0.05 mg/L) Nitrate by Calculation (0.05 mg/L) Nitrite (0.001 mg/L) Sulphate (5 mg/L) Total Hardness (5 mg/L) TON (0.05 mg/L)	Drinking water	Gallery Plus Discrete Analyser. Spectrophotometry.	P7.3.012
	Phosphorous and Potassium (P and K)	Phosphorous and Potassium	Phosphorous (0.74 mg/l P) Potassium (5.62 mg/l K)	Soil	AA100 Soil Analyser and Flame Photometer	P7.3.018
	Total Dissolved Solids	Total Dissolved Solids	0.07 ppm	Drinking Water	Probe Measurement	P7.1.006
767 Physical test/measurement - .01 pH	pH Measurement	pH	4.0 - 10.0 pH	Drinking Water	Probe Measurement	P7.1.006
			4.0 - 10.0 pH	Soil	Probe Measurement	P7.3.017
767 Physical test/measurement - .02 Conductivity	Conductivity	Conductivity	4.89 µS/cm	Drinking Water	Probe Measurement	P7.1.006

The laboratory has been awarded flexible scope in the scope classifications as noted in the scope document and in accordance with the laboratories approved and documented procedures.
Note 1 - Range may be extended for the test
Note 2 – New parameters / tests may be added
Note 3 – New matrices may be added
Note 4 – Changes to equipment / kits where the underlying methodology does not

change

For further details please refer to the laboratories 'Master list of Flexible scope changes', available directly from the laboratory