

Schedule of Accreditation



Organisation Name	FBA Laboratories Ltd
Trading As	FBA Laboratories Limited
INAB Reg No	257T
Contact Name	Karen Kenny
Address	Carrigeen Industrial Estate, Cappoquin, Waterford, P51 RW14
Contact Phone No	058 52861
Email	feedanalysis@fba-labs.com
Website	http://www.fba-labs.com
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	13/04/2010
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	Carrigeen Industrial Estate, Cappoquin, Waterford, P51 RW14

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference	
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	Determination of BVD Antigen in Ear Notch Samples by ELISA	ELISA	Ear Notch	Absorbance Reader	Based on IDEXX Bovine Viral Diarrhoea Virus (BVDV) Antigen Test Kit/Serum Plus. In-house method ref.: CM08.	
	Determination of BVD Antigen in Individual Ear Notch Samples by IDEXX ELISA using DSX Automated System		Ear Notch	DSX Automated System	Based on IDEXX Bovine Viral Diarrhoea Virus (BVDV) Antigen Test Kit/Serum Plus. In-house method ref.: CM15.	
	Determination of BVD Antigen in Serum by ELISA		Serum	Absorbance Reader	Based on IDEXX Bovine Viral Diarrhoea Virus (BVDV) Antigen Test Kit/Serum Plus. In-house method ref.: CM09.	
805 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids using appropriate techniques - .03 Nucleic acid amplification tests, CE	Determination of BVD Antigen in Individual and Pooled Ear Notch by RT-PCR using Indical kit	PCR	Ear Notch	Real Time PCR Instrument	Based on Indical Virotype BVDV RT-PCR Kit. In-house method ref.: CM13.	

marked commercial systems						
	Determination of MAP DNA in Faeces by RT-PCR		Faeces	Real Time PCR Instrument	Based on Indical bactoype MAP PCR Kit. In-house method ref.: CM28	
808 Detection of antibody response to infection using appropriate techniques - .02 Enzyme immunoassay, using CE marked commercial systems	Determination of MAP Antibodies in Individual Milk Samples by ID VET ELISA	ELISA	Milk	Absorbance Reader	Based on ID.vet ELISA Kit: ID Screen Paratuberculosis Indirect Screening Test. In-house method ref.: CM17.	
	Determination of MAP Antibodies in Individual Serum Samples by ID VET ELISA		Serum	Absorbance Reader	Based on ID.vet ELISA Kit: ID Screen Paratuberculosis Indirect Screening Test. In-house method ref.: CM16.	

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP	
752 Chemical residue testing - .04 Pesticide residues	Determination of Chlorate and Perchlorate in Dairy Products by UHPLC-MS/MS	Chlorate and Perchlorate	2.0 - 400.0 µg/kg for both analytes	Milk	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Teagasc accredited method for analysis of Chlorates and Perchlorates in Milk using LC/MS-MS. In-house method reference CM29.	
			20.0 - 4000.0 µg/kg for both analytes	Milk powder and skimmed milk powder	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	In-house reference CM29.	
			5 - 400.0 µg/kg for both analytes	Skimmed milk concentrate	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	In-house reference CM29.	
	Determination of Chlorate and Perchlorate in Water by UHPLC-MS/MS			2.0 - 1000.0 µg/l for both analytes	Potable water	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	In-house reference CM30.
	Determination of NOP's, Naturally Occurring Prohibited Substances, in feed samples by UHPLC/MS/MS	Atropine		5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
		Bufotenine		5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
		Caffeine		5 - 200 µg/kg	Feed	Liquid	Based on Method

			Chromatography and Mass Spectrometry using UHPLC-MS/MS	Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
DMT (Dimethyltryptamine)	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
Hordenine	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
Hyoscine	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
Lupinine	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
Morphine	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
Theobromine	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry	Based on Method Developed by Cordoba University in Spain for

					using UHPLC-MS/MS	the analysis of NOP's in Feed samples. In house reference CM31.
		Theophylline	5 - 200 µg/kg	Feed	Liquid Chromatography and Mass Spectrometry using UHPLC-MS/MS	Based on Method Developed by Cordoba University in Spain for the analysis of NOP's in Feed samples. In house reference CM31.
766 Environmental testing (inc waters) - .03 Chemical oxygen demand	Determination of COD	COD	3-1500mg/l O2	Sewage Trade Wastes River Waters Surface Waters Leachates	UV-VIS Spectrophotometer, Reactor Block	Based on APHA 2012: 5220D Closed Reflux, Colourimetric Method. In-house ref.: CM21.
766 Environmental testing (inc waters) - .04 Organic	Determination of Total Nitrogen in Water	Nitrogen	0.5-25.0mg/L N	Waters for potable and domestic use Ground Water Surface Water Wastewater	UV-VIS Spectrophotometer, Reactor Block	Based on APHA 2012: 4500-N Nitrogen. In-house method ref.: CM23.
	Determination of Total Phosphorus in Water	Phosphorus	0.02-5.5mg/L P	Waters for potable and domestic use Ground Water Surface Water Wastewater	UV-VIS Spectrophotometer, Reactor Block	Based on APHA 2012: 4500-P Phosphorus. In-house method ref.: CM22.
767 Physical test/measurement - .01 pH	Determination of pH in Water	pH	pH units 4-10	Waters for potable and domestic use Ground Water Surface Water Wastewater	Benchtop Dual Input, Multi-Parameter Meter	Based on APHA 2012: 4500-H+B. In-house method ref.: CM20.
	pH of Soil in Water & SMP Buffer (for lime requirement)	Water pH of Soil & Buffer pH of Soil	pH 4-7 in aqueous suspension pH 4-7 in acetate buffer (SMP) suspension.	Soil	SEAL Analytical pH meter – ML V3 250L 4pH-soil	In-house reference CM01/CM02.
797 Miscellaneous materials and products - .02 Physical tests	Determination of Organic Matter in Soil	Organic Matter	0.7-100%	Soil	Muffle Furnace	Based on Statutory Instrument No. 605 of 2017 (Schedule 1). In-house method reference: CM05.
	Determination of Phosphorus & Potassium in Morgan's Extracts of Soil, by	Phosphorus and Potassium	1-30mg/l as P in soil 21-500mg/l as K in soil	Soil	Lachat Flow Injection Analysis Equipment	Based on DAF Publication: Standard Soil Analysis for REPS November

	Flow Injection Analysis					2004. In-house method ref.: CM03.
	Determination of Phosphorus & Potassium in Morgan's Extracts of Soil, by Segmented Flow Injection Analysis		1.5-30mg/l as P in soil 28-500mg/l as K in soil	Soil	SEAL Analytical Segmented Flow Injection Analyser	In-house reference CM32