

# Schedule of Accreditation



Organisation Name	Oldcastle Laboratories Ltd
Trading As	
INAB Reg No	302T
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Website	http://www.oldcastlelabs.ie
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	07/02/2012
Scope Classification	Biological and veterinary testing
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	Yes

<sup>1</sup> 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	Cogan Street, Oldcastle, Meath, A82 HW90

# Scope of Accreditation

## Head Office

### Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .01 Culture of bacteria	Detection and Enumeration of Escherichia coli and Coliform Bacteria in Water	Membrane Filtration Method	Potable Waters, Industrial Waters (Treated, Recirculating), Trade Waters	N/A	ISO 9308-1:2014/Amd.1:2016
	Determination of the Total Bacteria Count of Water	Standard Plate Count	Potable Waters	N/A	Standard Methods for the Examination of Water and Wastewater" 24th Edition - APHA, AWWA, WEF
	Enumeration of Coliforms using the Colony Count Technique	Pour Plate Method using Violet Red Bile Agar	Dairy Products, Meat & Meat Products (Game & Poultry), Pet Foods, Animal Feeds, Others (Environmental, Sponges, Environmental Swabs)	N/A	ISO 4832:2006
	Enumeration of Enterobacteriaceae by the Colony Count Technique	Colony Count Technique	Meat & Meat Products, Game and Poultry, Pet Foods, Animal Feeds, Others (Environmental Sponges, Environmental Swabs, Rendered Fats)	N/A	ISO 21528-2:2017
	Enumeration of Intestinal Enterococci in Water	Membrane Filtration Method	Potable Waters, Industrial Waters (treated, recirculating), Trade Waters	N/A	ISO 7899-2:2000

	Enumeration of $\beta$ -glucuronidase Escherichia coli	Colony count technique at 44 °C on a solid medium containing a chromogenic ingredient for the detection of the enzyme $\beta$ -glucuronidase.	Dairy Products, Egg & Egg Products, Meat & Meat Products (Game & Poultry), Pet Foods, Animal Feeds, Others (Environmental, Sponges, Environmental Swabs, Compost)	N/A	ISO16649-2:2001
	Isolation and Identification of Salmonella	Horizontal Method	Eggs, Litter, Animal Feed, Meat, Boot Liner, Swabs, Dairy Products, Compost, Rendered Fats, Bone		ISO6579-1:2017 & Amd1:2020
	Total Viable Count at 30°C using the Pour Plate Technique	Counting the colonies growing in solid medium after aerobic incubation at 30°C	Dairy Products, Meat & eat Products, Pet Foods, Animal Feeds, Others (Environmental, Sponges, Environmental Swabs)	N/A	ISO4833-1:2013/Amd:1 2022
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .03 Enzyme immunoassay,	Detection of Bovine Viral Diarrhoea (BVDV) Antigen	IDEXX Antigen ELISA test kit	Serum & Ear notch tissue	N/A	Idexx Antigen ELISA kit
	Detection of Bovine Viral Diarrhoea Virus (BVDV) p80 Antibodies by ID VET ELISA	Based on ID Vet ELISA Kit	Bovine serum & milk	N/A	ID Vet Elisa Kit
	Detection of Mycobacterium paratuberculosis (Johne's Disease) Antibodies by Idexx ELISA	Idexx ELISA	Bovine serum, plasma, milk	N/A	Idexx ELISA Paratuberculosis Screening Antibody Test Kit Insert
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .05 Immunofluorescence	Detection of Bovine Viral Diarrhoea Antigen by RT-PCR	Real-Time PCR	Ear notch tissue	Qiagen Virotype VDV RT-PCR kit	Detection of Bovine Viral Diarrhoea Virus by RT-PCR
	Detection of Infectious Bovine Rhinotracheitis Virus (BHV1) gB Antibodies	Idexx Elisa	Serum	N/A	OLL TM2227 OLL ED8109

	Detection of Infectious Bovine Rhinotracheitis Virus (BHV1) gE Antibodies		Serum	N/A	OLL TM2252 OLL ED8222
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Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (incl. waters) - .03 Chemical oxygen demand	Determination of Chemical Oxygen Demand (COD) of Water / Effluent		3- 150 mg/l COD & 3 – 1,500 mg/l COD	Sewage, leachates, other waters (surface, ground, effluents).	HACH DR/2800	TM 2123 HACH DR2800 Spectrophotometer Handbook E.D.8042 Standard Methods for Water and Wastewater
766 Environmental testing (incl. waters) - .04 Organic	Determination of Buffer pH of Soil		pH 4- 10 Calculation of Lime Requirement	Soils	pH Meter	TM 2064 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022 (S.I. No. 113 of 2022)
	Determination of Extractable Phosphorus (Morgan's extract) content of Soil		1 - 30mg/ L Phosphorus Calculation of P Index 1 - 4	Soils	TM2066	TM 2066 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022 (S.I. No. 113 of 2022)
	Determination of Extractable Potassium (Morgan's extract) content of Soil		15 - 400 mg/L Potassium Calculation of K Index 1 - 4	Soils	TM2065	TM2065 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022 (S.I. No. 113 of 2022)

	Determination of the pH of Soil		pH 4- 10	Soils	pH Meter	TM 2063 European Communities (Good Agricultural Practice for Protection of Waters) Regulations 2022 (S.I. No. 113 of 2022)
766 Environmental testing (incl. waters) - .05 Inorganic	Ammonia as NH4		Low Range 2 - 150 mg/L High Range 100 - 1500 mg/L	Potable Water	Based on HACH Method	TM2118
			Low Range 2 - 150 mg/L High Range 100 - 1500 mg/L	Trade effluents	Based on HACH Method	TM2118
	Nitrate as NO3		2 - 10 mg/l	Potable Waters	Based on HACH Method	TM2216
			2 - 150 mg/L	Trade effluents	Based on HACH Method	TM2216
	Nitrite as NO2		2 - 10 mg/L	Trade effluents	Based on HACH Method	TM2120