

# Schedule of Accreditation



Organisation Name	Oldcastle Laboratories Ltd
Trading As	
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Website	<a href="http://www.oldcastlelabs.ie">http://www.oldcastlelabs.ie</a>
Accreditation Standard	ISO 17025 T
Date Initially Awarded	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 Water Quality- Detection and Enumeration of Escherichia Coli and Coliform Bacteria Part 1: Membrane Filtration Method	TM 2159
	Determination of the Total Bacteria Count of Water	Standard Plate Count	Potable Waters	N/A	Standard Methods for the Examination of Water and Wastewater” 23rd Edition - APHA, AWWA, WEF	TM 2054
	Enumeration of Coliforms using the Colony Count Technique	Pour Plate Method using Violet Red Bile Agar	Dairy Products, Meat & Meat Productst (Game & Poultry), Pet Foods, Animal Feeds, Others (Environmental, Sponges, Environmental Swabs)	N/A	ISO 4832:2006	TM 2001
	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 21528-2:2004	TM2003
	Enumeration of Intestinal Enterococci in Water	Membrane Filtration Method	Potable Waters, Industrial Waters (treated, recirculating), Trade Waters	N/A	ISO 7899-2:2000	TM2161
	Enumeration of $\beta$ -glucuronidase Escherichia coli	Colony count technique at 44 °C on a solid medium containing a		Dairy Products, Egg & Egg Products, Meat & Meat Products (Game &	N/A	ISO16649-2:2001

		chromogenic ingredient for the detection of the enzyme $\beta$ -glucuronidase.	Poultry), Pet Foods, Animal Feeds, Others (Environmental, Sponges, Environmental Swabs, Compost)			
	Isolation and identification of Salmonella	Horizontal Method	.Dairy Products, Egg & Egg Products, Meat & Meat Products (Game & Poultry), Fats & Oils, Pet Foods, Animal Feeds, Others (Litter, Boot Liners, Environmental, Sponges, Environmental Swabs, Compost)	N/A	ISO 6579:2002 Microbiology of Food and Animal Feeding Stuffs – Horizontal Method for the Detection of Salmonella (including Amendment 1: Annex D 2007).	TM2006
	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	TM 2000
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	Blood & Ear notch tissue	N/A	Idexx Antigen ELISA kit	TM 2233
	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	TM 2250
	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	TM 2235
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	TM 2251

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .04 Organic	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
	Determination of Buffer pH of Soil		pH 4- 10 Calculation of Lime Requirement	Soils	pH Meter	TM 2064 ED8197 - S.I. 31/2014
	Determination of Extractable Phosphorus (Morgan's extract) content of Soil		1 - 30mg/ L Phosphorus Calculation of P Index 1 - 4	Soils		TM 2066 ED8197 - S.I. 31/2014
	Determination of Extractable Potassium (Morgan's extract) content of Soil		15 - 400 mg/L Potassium Calculation of K Index 1 - 4	Soils		TM2065 ED8197 - S.I. 31/2014
766 Environmental testing (inc waters) - .05 Inorganic	Determination of the pH of Soil		pH 4- 10	Soils	pH Meter	TM 2063 Department of Agriculture Standard Soil Analysis for REPS V(November 2004)
	Ammonia as NH4		Low Range 2 - 150 mg/L High Range 100 - 1500 mg/L	Trade effluents	Based on HACH Method	TM2118
	Nitrate as NO3		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