

Schedule of Accreditation



Organisation Name Roscommon County Council Environmental Laboratory

Trading As

INAB Reg No 347T

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Accreditation Standard ISO 17025 T

Date Initially Awarded 07/12/2016

Scope Classification Biological and veterinary testing

Scope Classification Chemical testing

Services available to the public¹

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	Arás an Chontae, Roscommon, F42 VR98

Scope of Accreditation

Head Office

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference	
805 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids using appropriate techniques - .03 Nucleic acid amplification tests, CE marked commercial systems	Colony Counts @ 22oC for 72 hours	Pour plates	Waters - potable waters	Pour plates, incubator.	The Microbiology of Drinking Water (2012) - Part 7 - Methods for the enumeration of heterotrophic bacteria. Methods for the Examination of Waters and Associated Materials. Environment Agency.	
	Enumeration of Clostridium perfringens in water.	Membrane filtration	Waters - Potable Waters	Membrane filtration	Documented in-house method – Membrane filtration based on ASTM D5916-96 (2002) and S.I. No. 122 of 2014 European Union (Drinking Water) Regulations. SOP Micro 002	
	Enumeration of Coliforms & E.coli	Idexx	Waters - Potable Waters	Idexx	Documented in-house method based on MPN by IDEXX Colilert 18 ISO 9308-2:2012 SOP Micro 001	

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .05 Inorganic	Ammonia Chem 005	Ammonia	0.03-1.29mg/L NH4	Water for potable & domestic purposes	Documented in-house Konelab Salicylate method based on Methods for the examination of waters and associated materials, Ammonia in Waters, 1981.	SOP Method Chem 005
	Apparent Colour Chem 003	Apparent Colour	5 - 100 Hazen	Water for domestic and potable purposes.	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2120-C SOP 003
	Apparent Colour Chem 006		5 - 100 Hazen	Water for domestic and potable purposes	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2120-C Chem 006
	Chemical Oxygen Demand Chem 008	Chemical Oxygen Demand	20 - 1500 mg/L	Sewage & WWTP Effluent	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 23rd Edition 2017.	2220-D Chem 008
	Colour Chem 003 & 006 by Meter & Robot	Colour	5-100 Hazen Units	Water for potable & domestic purposes	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 22nd Edition 2012.	2120-C SOP Method Chem 003 (Meter) SOP Method Chem 006 (Robot)
	Conductivity Chem 002 & 006 by Meter & robot	Conductivity	10-1400µS/cm	Water for potable & domestic purposes, sewage, WWTP effluent and surface waters.	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 22nd Edition 2012.	2510-B SOP Method Chem 002 (Meter) SOP Method Chem 006 (Robot)
	pH Chem 001 & 006 by Meter & Robot	pH	4-10	Water for potable & domestic purposes, sewage, WWTP effluent and surface waters..	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 22nd Edition 2012.	4500-H SOP Method Chem 001 (Meter) SOP Method Chem 006 (Robot)
	Suspended Solids Chem 007	Suspended Solids	2.5 - 1000 mg/L	Sewage, WWTP Effluent & Surface Waters	Documented in-house method based on Standard Methods for the Examination of Water and	2540-D Chem 007

					Wastewater 23rd Edition 2017.	
	Turbidity Chem 004 & 006 by Meter & Robot	Turbidity	0.1-20 NTU	Water for potable & domestic purposes	Documented in-house method based on Standard Methods for the Examination of Water and Wastewater 22nd Edition 2012.	2130-B SOP Method Chem 004 (Meter) SOP Method Chem 006 (Robot)