

# Schedule of Accreditation



Organisation Name	Laois County Council
Trading As	
INAB Reg No	344T
Contact Name	Marc Chawke
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Website	
Accreditation Standard	EN ISO/IEC 17025 T
Date of award of accreditation	26/10/2016
Scope Classification	Biological and Veterinary Testing
Scope Classification	Chemical Testing
Services available to the public <sup>1</sup>	

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

<p style="text-align: center;"><b>Sites from which accredited services are delivered</b></p> <p style="text-align: center;">(the detail of the accredited services delivered at each site are on the Scope of Accreditation)</p>		
	<b>Name</b>	<b>Address</b>
1	Head Office	Environmental & Water Quality Laboratory, IDA Business & Technology Park, Mountrath Road, Laois

# 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	Enumeration of Coliform Bacteria	Defined Substrate Technology (IDEXX Colilert 18)	Potable Water	Laminar Flow BS Cabinet, IDEXX Sealer & Incubator (37+/- 10C)	Enumeration of Total Coliforms & E. coli - LS010 - The Microbiology of Drinking Water Part 4D – 2016
	Enumeration of Colony Count @ 22 Degrees Celsius in Potable Water	Pour Plate Technique	Potable Water	Laminar Flow BS Cabinet, Incubator 22oC (+/- 1), Stuart Colony Counter, VWR Water Bath	Microbiology of Drinking Water 2012 Part A
	Enumeration of E. coli	Defined Substrate Technology (IDEXX Colilert 18)	Potable Water	Laminar Flow BS Cabinet, IDEXX Sealer, Fluorescence Cabinet & Incubator (37+/- 10C)	Enumeration of Total Coliforms & E. coli - LS010 - The Microbiology of Drinking Water Part 4D – 2016
	Enumeration of Enterococci (S&B Method)	Membrane Filtration	Potable Water	Membrane Filtration Manifold & Vacuum Pump, Incubator @ 36oC +/- 2, Incubator @ 44oC +/- 1	ISO 7899-2 (2000) Part 2: Membrane Filtration

## Head Office

### 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	Ammonia	0.02 - 5 mg/l N 0.025 - 6.3 mg NH4/l	Potable Water	Spectrophotometry	SOP LS020 (HMSO Ammonia in Waters [1981])
	Colour	Colour	5 - 50 Hazen	Potable Water	Spectrophotometry	SOP LS017 (HMSO Colour & Turbidity in Waters [1981])
	Conductivity	Conductivity	100 - 5000 $\mu$ S/cm	Potable Water	Conductimetry	SOP LS015 (APHA/AWWA 2023 2510B)
	Nitrate (by calculation)	Nitrate (by calculation)	1- 40 mg/l N 4.4 - 170 mg NO3/l	Potable Water	Spectrophotometry	SOP LS019 (HMSO Oxidised Nitrogen in Waters [1981])
	Nitrite	Nitrite	0.015 -2.8 mg/l N 0.049 - 9.1 mg NO2/l	Potable Water	Spectrophotometry	SOP LS018 (HMSO Oxidised Nitrogen in Waters [1981])
	Total Oxidised Nitrogen (TON)	Total Oxidised Nitrogen (TON)	1- 40 mg/l N 4.4 - 170 mg NO3/l	Potable Water	Spectrophotometry	SOP LS019 (HMSO Oxidised Nitrogen in Waters [1981])
	Turbidity	Turbidity	0.5 - 200 NTU	Potable Water	Nephelometry	SOP LS014 (HMSO Colour & Turbidity in Waters [1981])
767 Physical test/measurement - .01 pH	pH	pH	4 to 10	Potable Water	Potentiometry	SOP LS013 APHA/AWWA 2023 24th Ed 4500-H