

Schedule of Accreditation



Organisation Name	Kerry County Council
Trading As	Kerry Co Council
INAB Reg No	340T
Contact Name	David Lenihan
Address	Laboratory, Arás Chontae, Rathass, Tralee, Kerry
Contact Phone No	066 718 3592
Email	dlenihan@kerrycoco.ie
Website	http://www.kerrycoco.ie
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	08/12/2015
Scope Classification	Biological and veterinary testing
Scope Classification	Chemical testing
Services available to the public ¹	No

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	Laboratory, Aras Chontae, Rathass, Kerry

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 Coliforms and E coli using IDEXX (Colilert 18) Quanti tray	Incubation at 36c for 18-22 hrs followed by elucidation using fluorescence	Potable and surface waters	Quanti tray sealer, Incubator and fluorescence chamber	IDEX Colilert 18 ISO standard 9308-2:2012/P-025
	Enumeration of E coli using IDEXX (Colilert 18) Quanti tray		Marine waters	Quanti tray sealer, Incubator and fluorescence chamber	ISO-9308-2 -2012 /P_032
	Enumeration of Enterococci by membrane filtration method	Incubator at 36c +/- 2c for 4 hrs +/-0.5hrs followed by 44C +/- 0.5c for 40Hrs +/- 0.5 hr, Membrane filtration,	Marine waters	Incubator at 36 C +/- 2c and 44c +/- 0.5c	on ISO 7899-2:2000(E)/P-028
			Potable waters	Incubator at 36 C +/- 2c	on ISO 7899-2:2000(E)/P-028

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
710 Materials testing - .03 Chemical analysis	Determination of Chemical Oxygen demand In Wastewaters	Chemical Oxygen Demand (COD)	13 -100000 mg/L O ₂	Other waters Leachate	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	In House method P- 007 based on HACH reactor digestion method 8000 for water and wastewater
			13 -100000 mg/L O ₂	Sewage	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	In House method P- 007 based on HACH reactor digestion method 8000 for water and wastewater
			13 -100000 mg/L O ₂	Trade Effluent	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	In House method P- 007 based on HACH reactor digestion method 8000 for water and wastewater
			13-100000 mg/L O ₂	WWTP Effluent	Spectrophotometer capable of measurement at 620nm , heating block capable of maintaining temp at 150 C	In House method P- 007 based on HACH reactor digestion method 8000 for water and wastewater
766 Environmental testing (inc waters) - .05 Inorganic	Discrete selective Photometric analysis	Ammonia	0.05 - 1 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-003
		Chloride	5 - 80 mg/l Cl	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-005
		Nitrite	0.05 - 1 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-014

		Sulphate	5 - 100 mg/l SO ₄	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-019
		Total Oxidized Nitrogen	0.5 - 10 mg/l N	potable and surface waters	Aquakem analyzer	HMSO-1981/ P-013
	Electrometric determination of Conductivity	Conductivity	15 - 2500 us/cm	Sewage, WWTP effluent, potable and surface waters	Conductivity Meter	Std methods for examination of Water and Wastewater 23rd Edn 2017 2510-B /P-009
	Determination of Colour by Hazen method	Colour	5 - 100 Hazen units	potable and surface waters	Hach Spectrophotometer	Hach method 8025/ P-008
	Determination of Nitrate by Calculation	Nitrate	2.2 to 44.3 mg/ NO ₃	Potable and Surface waters	Aquakem Analyzer	HMSO-1981/P-013
	Determination Of Total Phosphorous	Total Phosphorous as P	0.05 to 50 mg/l	Sewage WWTP effluent, Trade Effluent, Leachate	Gannimede P Analyzer	P-033 , Gannimede P operation Manual
	Determination of Turbidity by Nephelometry	Turbidity	0.25 - 10 NTU	Potable water	Turbidimeter	Std methods for examination of Water and Wastewater 23rd Edn 2017 2130-B /P-023
	Electrochemical determination of Fluoride	Fluoride	0.1 - 2 mg/L F	Potable water	Ion Selective Electrode meter	Std methods for examination of Water and Wastewater 23rd Edn 2017 4500-F-C /P-010
	Electrometric determination of Ph	pH	4-10 Ph units	Sewage, WWTP effluent, potable and surface waters	Ph meter	Std methods for examination of Water and Wastewater 23rd Edn 2017 4500-H /P-015
	Gravimetric Determination of Suspended Solids	Suspended Solids	5 - 10000 mg/l	Surface waters, Sewage , Effluent discharges (WWTP), Trade Effluent, Leachate	Oven Capable of drying between 103 - 105 C	Std methods for examination of Water and Wastewater 23rd Edn 2017 2540-D /P-018