

Schedule of Accreditation



Organisation Name	Enva Ireland Ltd
INAB Reg No	185T
Contact Name	Orla Dalton
Address	(Lab Ringaskiddy Road, Cork), Clonminam Industrial Estate, Portlaoise, Laois
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Accreditation Standard	ISO 17025 T
Date Initially Awarded	10/08/2007
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 Cork	Raffeen Industrial Estate, Ringaskiddy Road, Cork, T12 TW44

Scope of Accreditation

Cork

Biological and Veterinary Testing

Category: A

Biology/veterinary field - Tests	Test name	Technique	Matrix	Equipment	Std. reference	
820 Miscellaneous	Ammonia Range: 0.2-100 mg/l NH ₃ -N	Colorimetry	.04 Sewage .05 Trade Waste .99 Other Waters	Spectrophotometer	ENVCM-115 based on Hach Method 10023	
	Biochemical Oxygen Demand 5 Day Carbonaceous Method Range: 4-20500 mg/l	Electrode Oxygen	.05 Trade Waste .99 Other Waters	Incubator @ 20°C DO Meter	ENVCM-31 based on BS 6068-2.14:1990 & ISO 5815:1989	
	Chemical Oxygen Demand Range: 10-100,000 mg/l	Colorimetry	.04 Sewage .05 Trade Waste .99 Other Waters	Spectrophotometer	ENVCM-21 based on BS ISO 15705:2002	
	Chloride Range: 6-10000 mg/l	Argentometric Method	.05 Trade Waste .99 Other Waters	Titration	ENVCM-33 based on APHA 22nd Ed. Section 4500-CI-B	
	Nitrate Range: 1-100 mg/l NO ₃ -N	Colorimetry	.04 Sewage .05 Trade Waste .99 Other Waters	Spectrophotometer	ENVCM-15 based on Hach Method 10020	
				Spectrophotometer	ENVCM-15 based on Hach Method 10020	
	Orthophosphate Range: 0.1-25 mg/l PO ₄ -P (Soluble)	Colorimetry	.04 Sewage .05 Trade Waste .99 Other Waters	Spectrophotometer	ENVCM-18 based on APHA 22nd Ed. Section 4500-P.E	
	pH Range: 2-12			Electrode Method	.04 Sewage .05 Trade Waste .99 Other Waters	pH Meter
	Total Phosphorous Range: 0.1-1000 mg/l	Colorimetry & Digestion	.04 Sewage .05 Trade Waste .99 Other Waters	Spectrophotometer	ENVCM-19 based on APHA 22nd Ed. Section 4500-P.E	
Total Suspended Solids Range: 10-10000 mg/l	Gravimetry	.04 Sewage .05 Trade Waste .99 Other Waters	Vacuum	ENVCM-34 based on BS EN 872:2005		

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .02 Biochemical oxygen demand	Biochemical Oxygen Demand 5 Day Carbonaceous Method	Waters	4-20500 mg/l	.05 Trade Waste .99 Other Waters	Incubator @ 20°C Meter	DO ENVCM-31 based on BS 6068-2.14:1990 & ISO 5815:1989
766 Environmental testing (inc waters) - .03 Chemical oxygen demand	Chemical Oxygen Demand		10 - 100,000 mg/l	.04 Sewage .05 Trade Waste .99 Other Waters	Colorimetry/Spectrophotometer	ENVCM-21 based on BS ISO 15705:2002
766 Environmental testing (inc waters) - .04 Organic	Chloride		6-10000 mg/l	.05 Trade Waste .99 Other Waters	Argentometric titration	ENVCM-33 based on APHA 22nd Ed. Section 4500-CI-B
	Nitrate		1-100 mg/l NO ₃ -N	.04 Sewage .05 Trade Waste .99 Other Waters	Colorimetry/Spectrophotometer	ENVCM-15 based on Hach Method 10020
	Orthophosphate		0.1-25 mg/l PO ₄ -P (Soluble)	.04 Sewage .05 Trade Waste .99 Other Waters	Colorimetry/Spectrophotometer	ENVCM-18 based on APHA 22nd Ed. Section 4500-P.E
	Total Phosphorous		0.1-1000 mg/l	.04 Sewage .05 Trade Waste .99 Other Waters	Colorimetry/Digestion/Spectrophotometer	ENVCM-19 based on APHA 22nd Ed. Section 4500-P.E
766 Environmental testing (inc waters) - .05 Inorganic	Ammonia		0.2-100 mg/l NH ₃ -N	.04 Sewage .05 Trade Waste .99 Other Waters	Colorimetry/Spectrophotometer	ENVCM-115 based on Hach Method 10023
767 Physical test/measurement - .01 pH	pH		2 - 12	.04 Sewage .05 Trade Waste .99 Other Waters	pH Meter	ENVCM-23 based on APHA 22nd Ed. Section 4500-H+B
767 Physical test/measurement - .02 Conductivity	Conductivity		20 -12,900µs/cm	.04 Sewage .05 Trade Waste .99 Other Waters	Conductivity Meter	ENVCM-48 based on BS EN 27888:1993 by electrode
767 Physical test/measurement - .03 Suspended Solids	Total Suspended Solids		10-10000 mg/l	.04 Sewage .05 Trade Waste .99 Other Waters	Gravimetry	ENVCM-34 based on BS EN 872:2005