

# Schedule of Accreditation



Organisation Name	University Hospital Waterford
Trading As	
INAB Reg No	94T
Contact Name	Stephen Ahern
Address	Public Health Laboratory, Microbiology Department, University Hospital Waterford, Dunmore Road, Waterford, X91 ER8E
Contact Phone No	051-842398
Email	stephen.ahern@hse.ie
Website	
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	29/06/1998
Scope Classification	Biological and veterinary testing
Services available to the public <sup>1</sup>	

<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	University Hospital Waterford, Waterford, X91 ER8E

# Scope of Accreditation

## Head Office

### Biological and Veterinary Testing

Category: A

Biological/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	Aerobic plate count 30oC for 48h hours	Pour plate	Cereals and Bakery products	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Dairy products	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Egg and egg products	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Fish, shellfish, and molluscs	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Fruit and vegetables	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Herbs and spices	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Ices and desserts	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Meat, meat products, game, and poultry	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007

			Non-alcoholic beverages	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Others	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Prepared dishes	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
			Soups, broths, and sauces	N/A	Based on ISO 4833-1:2013 AMD 2022, ISO 7218:2007
	Aerobic plate count at 30°C for 48 hours	Spiral plate	Cereals and bakery products	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Dairy products	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Egg and egg products	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Fish, shellfish and molluscs	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Fruit and vegetables	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Herbs and spices	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Ice and desserts	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Meat and meat products, game and poultry	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Non-alcoholic beverages	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Others	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Prepared dishes	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
			Soups, broths and sauces	N/A	Based on ISO 4833-2:2013 AMD 2022, ISO 7218:2007
	Detection and enumeration of E.coli in live molluscs and other shellfish	MPN and selective plating	Fish, shellfish and molluscs	N/A	ISO/TS 16649-3:2015

Detection of Campylobacter species	Selective enrichment (Procedure A) / selective plating / MALDI-TOF confirmation	Cereals and bakery products	N/A	ISO 10272-1:2017 AMD 1 2023
		Dairy products	N/A	ISO 10272-1:2017 AMD 1 2023
		Egg and egg products	N/A	ISO 10272-1:2017 AMD 1 2023
		Fruit and vegetables	N/A	ISO 10272-1:2017 AMD 1 2023
		Herbs and spices	N/A	ISO 10272-1:2017 AMD 1 2023
		Ice and desserts	N/A	ISO 10272-1:2017 AMD 1 2023
		Meat and meat products, game and poultry	N/A	ISO 10272-1:2017 AMD 1 2023
		Prepared dishes	N/A	ISO 10272-1:2017 AMD 1 2023
	Selective enrichment (Procedure A) / selective plating / MALDI-TOF confirmation	Others	N/A	ISO 10272-1:2017 AMD 1 2023
Detection of Listeria species	Selective enrichment / selective plating	Cereals and Bakery products	N/A	ISO 11290-1:2017, ISO 7218:2007
		Dairy products	N/A	ISO 11290-1:2017, ISO 7218:2007
		Egg and egg products	N/A	ISO 11290-1:2017, ISO 7218:2007
		Fish, shellfish, and molluscs	N/A	ISO 11290-1:2017, ISO 7218:2007
		Fruit and vegetables	N/A	ISO 11290-1:2017, ISO 7218:2007
		Herbs and spices	N/A	ISO 11290-1:2017, ISO 7218:2007
		Ices and desserts	N/A	ISO 11290-1:2017, ISO 7218:2007
		Meat, meat products, game, and poultry	N/A	ISO 11290-1:2017, ISO 7218:2007
		Non-alcoholic beverages	N/A	ISO 11290-1:2017, ISO 7218:2007
		Nuts and nut products, snacks	N/A	ISO 11290-1:2017, ISO 7218:2007
		Others	N/A	ISO 11290-1:2017, ISO 7218:2007
		Prepared dishes	N/A	ISO 11290-1:2017, ISO 7218:2007

			Soups, broths, and sauces	N/A	ISO 11290-1:2017, ISO 7218:2007
	Detection of Salmonella species	Selective enrichment/selective plating / MALDI-TOF confirmation	Cereals and bakery products	N/A	ISO 6579:2017 Amd 1 2020
			Dairy products	N/A	ISO 6579:2017 Amd 1 2020
			Egg and egg products	N/A	ISO 6579:2017 Amd 1 2020
			Fish, shellfish and molluscs	N/A	ISO 6579:2017 Amd 1 2020
			Fruit and vegetables	N/A	ISO 6579:2017 Amd 1 2020
			Herbs and spices	N/A	ISO 6579:2017 Amd 1 2020
			Ice and desserts	N/A	ISO 6579:2017 Amd 1 2020
			Meat and meat products, game and poultry	N/A	ISO 6579:2017 Amd 1 2020
			Non-alcoholic beverages	N/A	ISO 6579:2017 Amd 1 2020
			Nuts and nut products snacks	N/A	ISO 6579:2017 Amd 1 2020
			Others	N/A	ISO 6579:2017 Amd 1 2020
			Prepared dishes	N/A	ISO 6579:2017 Amd 1 2020
			Soups, broths and sauces	N/A	ISO 6579:2017 Amd 1 2020
	Detection, identification and enumeration of Legionella pneumophila type 1, 2-14	Membrane filtration and selective plating using Glycine Vancomycin Polymyxin Cycloheximide (GVPC) medium / MALDI-TOF confirmation	Environmental waters	N/A	ISO 11731:2017, Procedures 1, 8, 9 & 10.
			Swimming pools and spa	N/A	ISO 11731:2017, Procedures 1, 8, 9 & 10.
	Detection, identification and enumeration of Legionella spp. (presumptive)		Environmental waters	N/A	ISO 11731:2017, Procedures 1, 8, 9 & 10.

			Swimming pools and spa	N/A	ISO 11731:2017, Procedures 1, 8, 9 & 10.
	Enumeration of bacteria and fungi	Selective plating	Air	N/A	PPC-PATH-MIC-6, EMF22V1, ET8V1
			Surfaces	N/A	PPC-PATH-MIC-6, EMF22V1, ET8V1
	Enumeration of Clostridium perfringens	Membrane filtration and selective plating / MALDI-TOF confirmation	Bottled and mineral water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 6 B:2021
			Environmental waters	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 6 B:2021
		Membrane filtration and selective plating / MALDI-TOF confirmation	Potable water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 6 B:2021
			Source water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 6 B:2021
	Enumeration of Clostridium species	Surface spread plate with overlay / MALDI-TOF confirmation	Cereals and bakery products	N/A	ISO 7937:2004
			Dairy products	N/A	ISO 7937:2004
			Egg and egg products	N/A	ISO 7937:2004
			Fish, shellfish and molluscs	N/A	ISO 7937:2004
			Fruit and vegetables	N/A	ISO 7937:2004
			Herbs and spices	N/A	ISO 7937:2004
			Ice and desserts	N/A	ISO 7937:2004
			Meat and meat products, game and poultry	N/A	ISO 7937:2004

			Non-alcoholic beverages	N/A	ISO 7937:2004
			Others	N/A	ISO 7937:2004
			Prepared dishes	N/A	ISO 7937:2004
			Soups, broths and sauces	N/A	ISO 7937:2004
	Enumeration of Coagulase positive staphylococci	Pour plate on selective media	Cereals and bakery products	N/A	ISO 6888-2:2021 AMD 1 2023
			Dairy products	N/A	ISO 6888-2:2021 AMD 1 2023
			Egg and egg products	N/A	ISO 6888-2:2021 AMD 1 2023
			Fish, shellfish and molluscs	N/A	ISO 6888-2:2021 AMD 1 2023
			Fruit and vegetables	N/A	ISO 6888-2:2021 AMD 1 2023
			Herbs and spices	N/A	ISO 6888-2:2021 AMD 1 2023
			Ice and desserts	N/A	ISO 6888-2:2021 AMD 1 2023
			Meat and meat products, game and poultry	N/A	ISO 6888-2:2021 AMD 1 2023
			Non-alcoholic beverages	N/A	ISO 6888-2:2021 AMD 1 2023
			Others	N/A	ISO 6888-2:2021 AMD 1 2023
			Prepared dishes	N/A	ISO 6888-2:2021 AMD 1 2023
			Soups, broths and sauces	N/A	ISO 6888-2:2021 AMD 1 2023
	Enumeration of E.coli	Membrane filtration and selective plating using Brilliance E. coli/Coliform chromogenic agar	Environmental waters	N/A	Based on ISO 9308-1:2014
			Non-alcoholic beverages	N/A	Based on ISO 9308-1:2014
			Potable water	N/A	Based on ISO 9308-1:2014
			Source water	N/A	Based on ISO 9308-1:2014

				Swimming pools and spa	N/A	Based on ISO 9308-1:2014
		Enumeration of E.coli in marine and fresh waters using IDEXX Colilert 18	Most Probable Number	Marine and fresh recreational waters	N/A	ISO 9308:2:2012
		Enumeration of Enterobacteriaceae	Surface plating	Cereals and bakery products	N/A	ISO21528-2:2017
				Dairy products	N/A	ISO21528-2:2017
				Egg and egg products	N/A	ISO21528-2:2017
				Fish, shellfish and molluscs	N/A	ISO21528-2:2017
				Fruit and vegetables	N/A	ISO21528-2:2017
				Herbs and spices	N/A	ISO21528-2:2017
				Ice and desserts	N/A	ISO21528-2:2017
				Meat and meat products, game and poultry	N/A	ISO21528-2:2017
				Non-alcoholic beverages	N/A	ISO21528-2:2017
				Others	N/A	ISO21528-2:2017
				Prepared dishes	N/A	ISO21528-2:2017
				Soups, broths and sauces	N/A	ISO21528-2:2017
		Enumeration of Escherichia coli	Surface spread	Cereals and bakery products	N/A	ISO 16649-2:2001
				Dairy products	N/A	ISO 16649-2:2001
				Egg and egg products	N/A	ISO 16649-2:2001
				Fish, shellfish and molluscs	N/A	ISO 16649-2:2001
				Fruit and vegetables	N/A	ISO 16649-2:2001
				Herbs and spices	N/A	ISO 16649-2:2001
				Ice and desserts	N/A	ISO 16649-2:2001



			Meat and meat products, game and poultry	N/A	ISO 16649-2:2001
			Non-alcoholic beverages	N/A	ISO 16649-2:2001
			Nuts and nut products snacks	N/A	ISO 16649-2:2001
			Others	N/A	ISO 16649-2:2001
			Prepared dishes	N/A	ISO 16649-2:2001
			Soups, broths and sauces	N/A	ISO 16649-2:2001
	Enumeration of Faecal Streptococci (Enterococci)	Membrane filtration and selective plating	Environmental waters	N/A	ISO 7899:2:2000
			Non-alcoholic beverages	N/A	ISO 7899:2:2000
			Potable water	N/A	ISO 7899:2:2000
			Sea bathing water	N/A	ISO 7899:2:2000
			Sea-shellfish water	N/A	ISO 7899:2:2000
			Source water	N/A	ISO 7899:2:2000
	Enumeration of Listeria species	Selective enrichment/selective plating	Cereals and bakery products	N/A	ISO 11290-2:2017, ISO 7218:2007
			Dairy products	N/A	ISO 11290-2:2017, ISO 7218:2007
			Egg and egg products	N/A	ISO 11290-2:2017, ISO 7218:2007
			Fish, shellfish and molluscs	N/A	ISO 11290-2:2017, ISO 7218:2007
			Fruit and vegetables	N/A	ISO 11290-2:2017, ISO 7218:2007
			Herbs and spices	N/A	ISO 11290-2:2017, ISO 7218:2007
			Ice and desserts	N/A	ISO 11290-2:2017, ISO 7218:2007
			Meat and meat products, game and poultry	N/A	ISO 11290-2:2017, ISO 7218:2007

			Non-alcoholic beverages	N/A	ISO 11290-2:2017, ISO 7218:2007
			Nuts and nut products snacks	N/A	ISO 11290-2:2017, ISO 7218:2007
			Others	N/A	ISO 11290-2:2017, ISO 7218:2007
			Prepared dishes	N/A	ISO 11290-2:2017, ISO 7218:2007
			Soups, broths and sauces	N/A	ISO 11290-2:2017, ISO 7218:2007
	Enumeration of presumptive <i>Bacillus cereus</i> (B. cereus Group)	Surface spread	Egg and egg products	N/A	ISO 7932:2004 AMD 2020
			Ice and desserts	N/A	ISO 7932:2004 AMD 2020
			Soups, broths and sauces	N/A	ISO 7932:2004 AMD 2020
		Surface spread	Cereals and bakery products	N/A	ISO 7932:2004 AMD 2020
			Dairy products	N/A	ISO 7932:2004 AMD 2020
			Fish, shellfish and molluscs	N/A	ISO 7932:2004 AMD 2020
			Fruit and vegetables	N/A	ISO 7932:2004 AMD 2020
			Herbs and spices	N/A	ISO 7932:2004 AMD 2020
			Meat and meat products, game and poultry	N/A	ISO 7932:2004 AMD 2020
			Non-alcoholic beverages	N/A	ISO 7932:2004 AMD 2020
			Others	N/A	ISO 7932:2004 AMD 2020
			Prepared dishes	N/A	ISO 7932:2004 AMD 2020
	Enumeration of <i>Pseudomonas aeruginosa</i>	Membrane filtration and selective plating / MALDI-TOF confirmation	Microbiological analysis of Endoscopy rinse waters or other hospital equipment rinse waters	N/A	In house method

		Membrane filtration and selective plating / MALDI-TOF confirmation	Environmental waters	N/A	In house method
			Non-alcoholic beverages	N/A	In house method
			Potable water	N/A	In house method
			Source water	N/A	In house method
			Swimming pools and spa	N/A	In house method
	Enumeration of sporulated sulphite-reducing anaerobes	Membrane filtration and selective plating	Non-alcoholic beverages	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 6 A:2021
	Enumeration of Total coliforms	Membrane filtration and selective plating using Brilliance E. coli/Coliform chromogenic agar	Environmental waters	N/A	Based on ISO 9308-1:2014
			Non-alcoholic beverages	N/A	Based on ISO 9308-1:2014
			Potable water	N/A	Based on ISO 9308-1:2014
			Source water	N/A	Based on ISO 9308-1:2014
			Swimming pools and spa	N/A	Based on ISO 9308-1:2014
	Enumeration of Total coliforms and E.coli by Colilert	Most Probable Number	Environmental waters	N/A	ISO 9308:2:2012
			Potable water	N/A	ISO 9308:2:2012
			Sea bathing water	N/A	ISO 9308:2:2012
			Sea-shelfish water	N/A	ISO 9308:2:2012
			Source water	N/A	ISO 9308:2:2012
			Swimming pools and spa	N/A	ISO 9308:2:2012
	Identification of Micro-organisms and Mycology isolates	Mass spectrometry	Air	N/A	TM-A-MG005 Identification of micro-organisms using Matrix Assisted Laser

					Dedorption/Ionisation (Maldi) Time of Flight (TOF) Mass Spectrometry
			Surfaces	N/A	TM-A-MG005 Identification of micro-organisms using Matrix Assisted Laser Dedorption/Ionisation (Maldi) Time of Flight (TOF) Mass Spectrometry
	Mycobacterium species	Membrane filtration and selective plating	Microbiological analysis of Endoscopy rinse waters or other hospital equipment rinse waters	N/A	ISO 15883-1 :2006 and ISO 15883-4:2018
	Total bacteria count		Microbiological analysis of Endoscopy rinse waters or other hospital equipment rinse waters	N/A	ISO 15883-1 :2006 and ISO 15883-4:2018
	Total bacteria count	Membrane filtration - R2A medium	Water for haemodialysis and related therapies	N/A	ISO 23500-1:2019, ISO 23500-3:2019,
		Pour plate	Potable water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020
			Source water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020
	Total bacteria count at 22°C / 7 days		Hospital process water for use in dialysis	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020 ISO 23500-1:2019 ISO 23500-3:2019
	Total bacteria count at 22°C/72 hrs and 37°C / 48hrs		Environmental waters	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020
		Potable water	N/A	The Microbiology of drinking water. Methods for the examination of	

					waters and associated materials Part 7 A:2020
			Source water	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020
			Swimming pools and spa	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7 A:2020
		Pour plate	Non-alcoholic beverages	N/A	The Microbiology of drinking water. Methods for the examination of waters and associated materials Part 7A:2020