

# 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

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	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 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
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
		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
Soaps, 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-shelfish 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> ( <i>B. cereus</i> 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

	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