

# Schedule of Accreditation



Organisation Name	Divpor Limited
Trading As	Premier Life Sciences
INAB Reg No	410T
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	25/10/2023
Scope Classification	Biological and veterinary testing
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	Yes

<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	Ballaghmore, Ballon, Carlow

# 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	FMM001: Detection and Confirmation of Salmonella SPP USING ISO 6579-1:2017	Horizontal Culture Method. Selective Enrichment	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	I.S. EN ISO 6579-1:2017&LC:2017&A1:2020
	FMM002: Detection and Confirmation of Salmonella SPP using BIO-RAD RAPID' CULTURE METHOD	Rapid Chromogenic Culture Method	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs;	N/A	BIO-RAD RAPID' SALMONELLA AFNOR VALIDATION Certificate N° BRD: 07/11 – 12/05

			Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
	FMM004: Detection and Confirmation of Listeria SPP using ISO 11290-1:2017	Horizontal Culture Method. Selective Enrichment	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	I.S. EN ISO 11290-1:2017
	FMM005: Detection and Confirmation of Listeria Monocytogenes and Listeria species using BIO-RAD RAPID'L.mono	Chromogenic Culture Method	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces;	N/A	AFNOR VALIDATION Certificate No Certificat N° : BRD 07/04-09/98

			Soups, broths and sauces; Surfaces		
FMM007: Detection and Confirmation of Campylobacter SPP Using ISO 10272-1:2017	Horizontal Culture Method. Selective Enrichment		Meat and meat products, game and poultry;	N/A	I.S. EN ISO 10272-1:2017
FMM008: Detection and Confirmation of Escherichia coli O157 using ISO 16654:2001 /A1:2017			Dairy products; Fruit and vegetables; Meat and meat products, game and poultry; Prepared dishes; Product contact surfaces; Surfaces	N/A	ISO 16654:2001/AMD 1:2017
FMM012: Enumeration of Micro-Organisms: Aerobic Colony Count	Horizontal Method. Colony Count Technique		Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	I.S. EN ISO 4833-1:2013&A1:2022
FMM013: Enumeration of Presumptive Enterobacteriaceae			Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks;	N/A	I.S. EN ISO 21528-2:2017&LC:2018

		Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
	FMM014: Enumeration of Presumptive Coliforms	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	ISO 4832:2006
	FMM015: Enumeration of beta glucuronidase positive Escherichia coli	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	ISO 16649-2:2001
	FMM016: Enumeration and Confirmation of Coagulase Positive Staphylococci	Horizontal Method. Spread Plate Technique	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and	N/A I.S. EN ISO 6888-1:2021

		oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
FMM017: Enumeration of Coagulase Positive Staphylococci using Rabbit Plasma Fibrinogen Agar	Horizontal Method. Pour Plate Technique	Dairy products	N/A	I.S. EN ISO 6888-2:2021
FMM018: Enumeration of Presumptive Bacillus Cereus	Horizontal Method. Spread Plate Technique	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	I.S. EN ISO 7932:2004&A1:2020&LC:2020
FMM019: Enumeration and Confirmation of Listeria Monocytogenes and Listeria SPP		Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and	N/A	I.S. EN ISO 11290-2:2017

		meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
FMM020: Enumeration of Presumptive Pseudomonas SPP		Meat and meat products, game and poultry; Prepared dishes; Surfaces;	N/A	I.S. EN ISO 13720:2010
FMM021: Enumeration of Presumptive Clostridium Perfringens	Horizontal Method. Colony Count Technique	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces;	N/A	I.S. EN ISO 7937:2004
FMM022: Enumeration of Presumptive Lactic Acid Bacteria		Meat and meat products, game and poultry; Prepared dishes; Surfaces;	N/A	ISO 15214:1998
FMM025: Enumeration and Confirmation of Campylobacter Species	Horizontal Method. Spread Plate Technique	Meat and meat products, game and poultry;	N/A	I.S. EN ISO 10272-2:2017
FMM026 Detection and Confirmation of Listeria monocytogenes and Listeria species using ALOA ® ONE DAY METHOD	Chromogenic Culture Method	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and	N/A	AFNOR AES 10/03-09/00

			meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
	FMM028: Confirmation and identification of Salmonella and Listeria using Maldi TOF	Mass Spectrometry	Salmonella colonies isolated on XLD;RSA; NA. Listeria sp and Listeria monocytogenes colonies isolated on ALOA; RLM; LOX; CBA.	Bruker MALDI Biotyper	FMM028: Documented & Validated In House Method. Salmonella spp [FMM001; FMM002; FMM003]. Listeria spp [FMM004; FMM005; FMM006; FMM019; FMM026]
	WMM001: Enumeration and Confirmation of Coliforms and Escherichia coli in Water	Single Membrane Filtration	Waters - Potable water, Waters - Industrial,	N/A	The Microbiology of Drinking Water (2016) - Part 4
	WMM002: Enumeration and Confirmation of Enterococci in Water		Waters - Potable water, Waters - Industrial,	N/A	The Microbiology of Drinking Water (2012) - Part 5
	WMM003: Enumeration and Confirmation of Clostridium Perfringens in Water		Waters - Potable water, Waters - Industrial,	N/A	The Microbiology of Drinking Water (2021) - Part 6
	WMM004: Enumeration of heterotrophic bacteria in Water	Pour plate Technique	Waters - Potable water, Waters - Industrial,	N/A	The Microbiology of Drinking Water (2020) - Part 7
	WMM005: Enumeration and Confirmation of Pseudomonas aeruginosa in Water	Single Membrane Filtration	Waters - Potable water, Waters - Industrial,	N/A	The Microbiology of Drinking Water (2015) - Part 8
	WMM006: Enumeration of Coliform and E.coli.	MPN	Waters - Potable water, Waters - Industrial,	Colilert-18 / Quanti-Tray	ISO 9308-2:2012 and the IDEXX Colilert 18 test kit.
	WMM007: Enumeration of Enterococci using IDEXX Enterolert		Waters - Potable water, Waters - Industrial	Enterolert DW / Quanti-Tray	AFNOR IDX Certificate IDX 33/03-10/13
803 Culture of organisms in liquid or agar based culture media with visual or instrument monitoring for growth - .02	FMM023: Enumeration of Presumptive Yeast and Mould in Food and Swabs with an Aw greater than	Horizontal Method. Spread Plate Technique	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products;	N/A	ISO 21527-1:2008



Culture of fungi	0.95		Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces		
	FMM024: Enumeration of Presumptive Yeast and Mould in Food with an Aw less than or equal to 0.95		Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces	N/A	ISO 21527-2:2008
804 Detection of bacterial, parasite, viral or fungal antigens using specific antibodies and appropriate techniques - .04 Immunochromatographic methods,	FMM009: Detection and Confirmation of E. coli O157:H7 USING REVEAL® TEST SYSTEM	Lateral Flow	Meat and meat products, game and poultry; Product contact surfaces; Surfaces	N/A	The Reveal ® E. Coli O157:H7 Test Systems are AOAC Official Methods No. 2000.13 (8 hour enrichment).
805 Detection and/or identification of bacterial, parasite, fungal and viral nucleic acids using appropriate techniques - .03 Nucleic acid amplification tests, CE marked commercial systems	FMM003: Detection and Confirmation of Salmonella SPP using REAL-TIME PCR	Real Time PCR	Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes;	N/A	iQ-Check TM Salmonella II Detection of Salmonella spp. AFNOR Certificate reference: BRD 07/06-07/04.

			Product contact surfaces; Soups, broths and sauces; Surfaces		
	FMM006: Detection and Confirmation of Listeria SPP using REAL-TIME PCR		Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; Confectionery; Dairy products; Egg and egg products; Fats and oils; Fish, shellfish and molluscs; Foods/stockfoods and their additives; Fruit and vegetables; Herbs and spices; Ices and desserts; Meat and meat products, game and poultry; Non-alcoholic beverages; Nuts and nut products, snacks; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces	N/A	iQ-Check TM Listeria spp Detection of Listeria spp. Certificate reference: BRD 07/13-05/07.
	FMM010: Detection, Identification and Confirmation of Shiga Toxin-Producing Escherichia coli O26, O45, O103, O111, O121, O145 and O157:H7 (STEC) using REAL-TIME PCR		Meat and meat products, game and poultry; Surfaces;	N/A	AOAC® Performed Test: iQ-Check™ STEC VirX Real-Time PCR, Certificate No. 121203 AOAC® Performed Test: iQ-Check™ STEC SerO Real-Time PCR, Certificate No. 121203

## Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
751 Food testing - .02 Nutritional analysis	FCM004: Determination of Ash in Foods	Ash	0.3 to 100 g/100g	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	Microwave Ashing Furnace / Gravimetry.	FCM004: Documented in house method.
	FCM005A: Determination of Fat in Foods	Fat	0.1 to 100% [g/100g]	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	CEM Oracle by NMR	FCM005A: Documented in house method.
	FCM005B:	Moisture	0.5 to 100% [g/100g]	Cereals and		FCM005B:

	Determination of Moisture in Foods			bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	CEM Smart6™ by Microwave	Documented in house method.
	FCM005C: Determination of Moisture in Foods		0.5 to 100% [g/100g]	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	Gravimetric	FCM005C: Documented in house method. [Oven Dry].
	FCM006: Determination of Nitrogen [Protein] in Foods	Nitrogen + Protein [N x Factor Calculation]	0.06-6 g/100g	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks;	Leco Nitrogen Analyser / Dumas Technique.	FCM006: Documented in house method.

			Pet foods; Prepared dishes; Soups, broths and sauces.		
FCM007A: Food Chemistry Calculations: Carbohydrate (Total / Available) [by difference]	Carbohydrate Total / Carbohydrate Available	(g/100g)	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	Calculation	FCM007A: Documented in house method. [EU food labelling Regulations 1169/2012]
FCM007B: Food Chemistry Calculations: Energy	Energy	(Kcal/100g) and (Kj/100g)	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces.	Calculation	FCM007B: Documented in house method. [EU food labelling Regulations 1169/2012]
FCM007C: Food Chemistry Calculations: Apparent Total Meat Content and Added Water	Apparent Total Meat Content / Added Water	0.1-100 %	Fish, shellfish and molluscs; Meat and meat products, game and poultry.	Calculation	FCM007C: Documented in house method. [EU food labelling Regulations 1169/2012]
FCM008A:	Total Sugars	(0.125 - 100) g/100g	Dairy products,	Ion Chromatography	FCM008A:

	Determination of Total Sugars in Food			Meat and meat products, fats and oils, game and poultry, Fish, shellfish and molluscs, Soups, broths and sauces, Cereals and bakery products, Fruit and vegetables, Confectionery, Nuts and nut products, snacks, Prepared dishes.		Documented in house method.
	FCM008B: Determination of Sugar Profile in Food	Galactose, Glucose, Fructose, Sucrose, Lactose, Arabinose (Internal Standard)	(0.125 - 100) g/100g	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces.	Ion Chromatography	FCM008B: Documented in house method.
	FCM009: Determination of Sodium (Salt) in Food	Sodium [Salt]	0.01-4g/100g	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Pet Food;	ICP	FCM009: Documented in house method.

			Prepared dishes; Soups, broths and sauces.		
FCM010: Determination of Total Dietary Fibre in Food	Total Fibre	0.5-100 (g/100g)	Cereals and bakery products; Confectionery; Dairy products; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces.	Automated Fibre Analyser	FCM010: Documented in house method.
FCM011: Determination of Fatty Acid Composition in Food	Saturated Fatty Acids, Mono Unsaturated Fatty Acids, Poly Unsaturated Fatty Acids, Trans Fatty Acids, Omega 3,6,9 groups	0.1-100 (g/100g)	Cereals and bakery products; Confectionery; Dairy products; Fats and oils; Fish, shellfish and molluscs; Fruit and vegetables; Meat and meat products, game and poultry; Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces.	Gas Chromatography 20m 100m column	FCM011: Documented in house method.
FCM012A: Determination of Nitrate, Nitrite and Salt using Anion Exchange Chromatography	Chloride (Salt)	0.1-30% NaCl	Fish, shellfish and molluscs; Meat and meat products, game and poultry.	Ion Chromatography	FCM012A: Documented in house method.
FCM012B: Determination of Nitrate, Nitrite and Salt using	Nitrite	6.5– 300 mg/kg NaNO <sub>2</sub>	Fish, shellfish and molluscs; Meat and meat products, game and poultry.	Ion Chromatography	FCM012B: Documented in house method.

	Anion Exchange Chromatography					
	FCM012C: Determination of Nitrate, Nitrite and Salt using Anion Exchange Chromatography	Nitrate	8.0-274.2 mg/kg NaNO <sub>3</sub>	Fish, shellfish and molluscs; Meat and meat products, game and poultry.	Ion Chromatography	FCM012C: Documented in house method.
751 Food testing - .06 Allergens	ACM001: DETECTION OF GLUTEN USING R5-SANDWICH ELISA (R5 MENDEZ METHOD)	Gluten	[5 to 80mg/kg food] [0.25-4ppm swabs]	Cereals and bakery products; Confectionery; Dairy products; Fish, shellfish and molluscs; Meat and meat products, game and poultry; Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces; Surfaces.	Ridascreen Gliadin R7001 Kit. ELISA (R5 MENDEZ).	ACM001: Documented in house method.
	ACM002: DETECTION OF CASEIN USING SANDWICH ELISA	Casein	[2.5 to 67.5mg/kg food] [0.25-6.75 ppm swabs]	Cereals and bakery products; Confectionery; Dairy products; Fish, shellfish and molluscs; Meat and meat products, game and poultry; Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces; Surfaces.	Sandwich Elisa	ACM002: Documented in house method.
766 Environmental testing (inc waters) - .02 Biochemical oxygen demand	ECM004: DETERMINATION OF 5 DAY BIOCHEMICAL OXYGEN DEMAND (BOD) USING DISSOLVED OXYGEN METER	BOD	5-10000 mg/L O <sub>2</sub>	Waters for potable and domestic purposes, Trade wastes, Other waters	Dissolved Oxygen Meter	ECM004: 24th Edition, APHA, 2023



766 Environmental testing (inc waters) - .03 Chemical oxygen demand	ECM001: DETERMINATION OF CHEMICAL OXYGEN DEMAND (DICHROMATE VALUE)	COD	Low Range- 10-150 mg/L O <sub>2</sub> ; Middle Range 50-1500 mg/L O <sub>2</sub> ; High Range 500- 15000mg/L O <sub>2</sub>	Waters for potable and domestic purposes, Trade wastes, Other waters	Digestion/ Spectrophotometry.	ECM001: 24th Edition, APHA, 2023
766 Environmental testing (inc waters) - .05 Inorganic	ECM005A: DETERMINATION OF TOTAL NITROGEN	Total Nitrogen	1-200 mg/L N	Waters for potable and domestic purposes, Trade wastes, Other waters	Digestion/ Spectrophotometry	ECM005A: Hach Company Standard Method 10071, 2014, 10th Edition.
	ECM005B: DETERMINATION OF KJELDAHL NITROGEN	Kjeldahl Nitrogen	1-100mg/L N	Waters for potable and domestic purposes, Trade wastes, Other waters	Digestion/ Spectrophotometry	ECM005B: Hach Company Standard Method 10071, 2014, 10th Edition.
	ECM006: DETERMINATION OF TOTAL PHOSPHOROUS	Total Phosphorous	0.14-40mg/L P	Waters for potable and domestic purposes, Trade wastes, Other waters	Digestion/ Spectrophotometry	ECM006: HACH Method 8190 06/2017, edition 10
	ECM008A: DETERMINATION OF ALKALINITY AS CaCO <sub>3</sub> USING GALLERY AUTOANALYSER	Alkalinity	10-4000mg/L CaCO <sub>3</sub>	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008A: Thermo- Scientific Method
	ECM008B: DETERMINATION OF AMMONIA USING GALLERY AUTOANALYSER	Ammonia	0.02-100mg/L as NH <sub>3</sub> -N	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008B: Thermo- Scientific Method
	ECM008C: DETERMINATION OF CHLORIDE USING GALLERY AUTOANALYSER	Chloride	10-10000 mg/L as Cl	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008C: Thermo- Scientific Method
	ECM008D: DETERMINATION OF HARDNESS USING GALLERY	Hardness	45-500mg/L CaCO <sub>3</sub>	Waters for potable and domestic purposes, Trade wastes, Other	Gallery Autoanalyser	ECM008D: Thermo- Scientific Method

	AUTOANALYSER			waters		
	ECM008E: DETERMINATION OF NITRITE USING GALLERY AUTOANALYSER	Nitrite	0.03-10mg/L NO <sub>2</sub> -N	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008E: Thermo- Scientific Method
	ECM008F: DETERMINATION OF ORTHOPHOSPHATE USING GALLERY AUTOANALYSER	Orthophosphate	0.05-50mg/L as P	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008F: Thermo- Scientific Method
	ECM008G: DETERMINATION OF SULPHATE USING GALLERY AUTOANALYSER	Sulphate	2.6-5000mg/L as SO <sub>4</sub>	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008G: Thermo- Scientific Method
	ECM008H: DETERMINATION OF TOTAL OXIDISED NITROGEN (TON) USING GALLERY AUTOANALYSER	TON	2-100mg/L NO <sub>3</sub> -N	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008H: Thermo- Scientific Method
	ECM008I: DETERMINATION OF NITRATE USING GALLERY AUTOANALYSER	Nitrate	2-100mg/L as NO <sub>3</sub> -N	Waters for potable and domestic purposes, Trade wastes, Other waters	Gallery Autoanalyser	ECM008I: Thermo- Scientific Method
767 Physical test/measurement - .01 pH	ECM002A: DETERMINATION OF PH	pH	4 to 10 pH	Waters for potable and domestic purposes, Trade wastes, Other waters	pH meter	ECM002A: pH Meter Instructions
767 Physical test/measurement - .02 Conductivity	ECM002B: DETERMINATION OF ELECTRICAL CONDUCTIVITY	Conductivity	5 - 10000 µS/cm @ 20°C.	Waters for potable and domestic purposes, Trade wastes, Other waters	Conductivity Meter	ECM002B: Standard Methods for the Examination of Water and Waste water", Method 2510, 23rd Edition, APHA, 2017.
767 Physical	ECM003:	Suspended Solids	5-15000 mg/L	Waters for potable	Filtration equipment /	ECM003: 24th Edition,

test/measurement - .03 Suspended Solids	DETERMINATION OF SUSPENDED SOLIDS USING GRAVIMETRY			and domestic purposes, Trade wastes, Other waters	Gravimetry.	APHA, 2023
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