

Schedule of Accreditation



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|-----------------------------------------------|---------------------------------------|
| Organisation Name | Divpor Limited |
| Trading As | Premier Life Sciences |
| INAB Reg No | 410T |
| Contact Name | Iwona Lorek |
| Address | Ballaghmore, Ballon, Carlow, R93 W5P8 |
| Contact Phone No | 087 9458027 |
| Email | ilorek@premierlifesciences.ie |
| Website | |
| Accreditation Standard | EN ISO/IEC 17025 T |
| Date of award of accreditation | 25/10/2023 |
| Scope Classification | Biological and Veterinary Testing |
| Scope Classification | Chemical Testing |
| Services available to the public ¹ | Yes |

¹ Refer to document on interpreting INAB Scopes of Accreditation

| Sites from which accredited services are delivered | | |
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| (the detail of the accredited services delivered at each site are on the Scope of Accreditation) | | |
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| | 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 |
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| 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 Chromogenic | Alcoholic beverages (other than wine); Animal feeds; Cereals and bakery products; | N/A | BIO-RAD RAPID' SALMONELLA AFNOR VALIDATION Certificate N° BRD: 07/11 – 12/05 |

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| RAPID' CULTURE METHOD | Culture Method | 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 | | |
| 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 | N/A | AFNOR VALIDATION Certificate No: BRD 07/04-09/98 |

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| | | 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 | | |
| 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 /Amd 2:2023 | | 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 |

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| 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; Pet foods; Prepared dishes; Product contact surfaces; Soups, broths and sauces; Surfaces | N/A | I.S. EN ISO 21528-2:2017&LC:2018 |
| 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; | N/A | ISO 16649-2:2001 |

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| | | 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 | | |
| 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 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 6888-1:2021 : A1 : 2023 |
| 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; | N/A | I.S. EN ISO 7932:2004&A1:2020&LC:2020 |

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| | | 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 | | |
| FMM019: Enumeration and Confirmation of <i>Listeria Monocytogenes</i> and <i>Listeria</i> 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 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 11290-2:2017 |
| FMM020: Enumeration of Presumptive <i>Pseudomonas</i> SPP | | Meat and meat products, game and poultry; Prepared dishes; Surfaces; | N/A | I.S. EN ISO 13720:2010 |
| FMM021: Enumeration of Presumptive <i>Clostridium Perfringens</i> | 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 | N/A | ISO 15213-2:2023 |

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| | | 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; | | |
| 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 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 | AFNOR AES 10/03-09/00 |
| FMM028: Confirmation and identification of Salmonella | Mass Spectrometry | Salmonella colonies isolated on XLD;RSA; NA. Listeria sp and Listeria monocytogenes colonies | Bruker MALDI Biotyper | FMM028: Documented & Validated In House Method. Salmonella spp [FMM001; FMM002; |

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| | and Listeria using Maldi TOF | | isolated on ALOA; RLM; LOX; CBA. | | 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 Culture of fungi | FMM023: Enumeration of Presumptive Yeast and Mould in Food and Swabs with an Aw greater than 0.95 | 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; Ices and desserts; Meat and meat products, game and poultry; | N/A | ISO 21527-1:2008 |

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| | | | 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; Product contact surfaces; | N/A | iQ-Check TM Salmonella II Detection of Salmonella spp. AFNOR Certificate reference: BRD 07/06-07/04. |

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| | | | 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 |

Head Office

Chemical Testing

Category: A

| Chemistry Field - Tests | Test name | Analyte | Range of measurement | Matrix | Equipment/technique | Standard reference/SOP |
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| 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; | CEM Oracle by NMR | FCM005A: Documented in house method. |

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| | | | Prepared dishes; Soups, broths and sauces. | | |
| FCM005B: Determination of Moisture in Foods | Moisture | 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. | CEM Smart6™ by Microwave | FCM005B: 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 | 0.06-6 g/100g | Cereals and bakery products; Confectionery; | Leco Nitrogen Analyser / Dumas Technique. | FCM006: Documented in house method. |

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| | Factor Calculation] | | 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. | | |
| 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, | Calculation | FCM007B: Documented in house method. [EU food labelling Regulations 1169/2012] |

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| | | | game and poultry; Nuts and nut products, snacks; Pet foods; Prepared dishes; Soups, broths and sauces. | | |
| 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: Determination of Total Sugars in Food | Total Sugars | (0.125 - 100) g/100g | Dairy products, 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. | Ion Chromatography | FCM008A: 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; | Ion Chromatography | FCM008B: Documented in house method. |

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| | | | Nuts and nut products, snacks; Prepared dishes; Soups, broths and sauces. | | |
| 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; Prepared dishes; Soups, broths and sauces. | ICP | FCM009: Documented in house method. |
| 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 | 0.1-100 (g/100g) | Cereals and bakery products; Confectionery; | Gas Chromatography 20m 100m column | FCM011: Documented in house method. |

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| | | Fatty Acids, Poly Unsaturated Fatty Acids, Trans Fatty Acids, Omega 3,6,9 groups | | 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. | | |
| | 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 Anion Exchange Chromatography | Nitrite | 6.5– 300 mg/kg NaNO ₂ | Fish, shellfish and molluscs; Meat and meat products, game and poultry. | Ion Chromatography | FCM012B: Documented in house method. |
| | FCM012C: Determination of Nitrate, Nitrite and Salt using Anion Exchange Chromatography | Nitrate | 8.0-274.2 mg/kg NaNO ₃ | 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. |

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| | 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 ₂ | 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 ₂ ; Middle Range 50-1500 mg/L O ₂ ; High Range 500-15000mg/L O ₂ | 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 | Digestion/ Spectrophotometry | ECM006: HACH Method 8190 06/2017, edition 10 |

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| | | | wastes, Other waters | | |
| ECM008A: DETERMINATION OF ALKALINITY AS CaCO ₃ USING GALLERY AUTOANALYSER | Alkalinity | 10-4000mg/L CaCO ₃ | 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 ₃ -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 | 6-10000 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 AUTOANALYSER | Hardness | 45-500mg/L CaCO ₃ | Waters for potable and domestic purposes, Trade wastes, Other waters | Gallery Autoanalyser | ECM008D: Thermo-Scientific Method |
| ECM008E: DETERMINATION OF NITRITE USING GALLERY AUTOANALYSER | Nitrite | 0.03-10mg/L NO ₂ -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 | Sulphate | 2.6-5000mg/L as SO ₄ | Waters for potable and domestic purposes, Trade | Gallery Autoanalyser | ECM008G: Thermo-Scientific Method |

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| | GALLERY AUTOANALYSER | | | wastes, Other waters | | |
| | ECM008H: DETERMINATION OF TOTAL OXIDISED NITROGEN (TON) USING GALLERY AUTOANALYSER | TON | 2-100mg/L NO3-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 NO3-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 test/measurement - .03 Suspended Solids | ECM003: DETERMINATION OF SUSPENDED SOLIDS USING GRAVIMETRY | Suspended Solids | 5-15000 mg/L | Waters for potable and domestic purposes, Trade wastes, Other waters | Filtration equipment / Gravimetry. | ECM003: 24th Edition, APHA, 2023 |