

Schedule of Accreditation



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| Organisation Name | Public Health Laboratory Galway |
| Trading As | |
| INAB Reg No | 97T |
| Contact Name | Linda Weldon |
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| Website | |
| Accreditation Standard | ISO 17025 T |
| Date Initially Awarded | 17/12/2001 |
| Scope Classification | Biological and veterinary testing |
| Services available to the public ¹ | No |

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 | Public Health Microbiology Laboratory | Medical Microbiology Department, University Hospital Galway, Newcastle Road, Galway, Galway, H91 YR71 |

Scope of Accreditation

Public Health Microbiology Laboratory

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 | Detection and Enumeration of Enterobacteriaceae by MPN | Most Probable Number Technique using multiple tubes with pre-enrichment | 811 Microbiological tests on foods 811.01, 811.18 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 21528-1:2017 | |
| | Detection and Enumeration of Legionella spp and Legionella pneumophila | Membrane filtration and centrifugation followed by additional heat and acid treatment and culture on a selective agar media | 870 Waters including effluents 870.11 | Incubators Filtration apparatus Vacuum pump Sterile membrane filters (45µm) Forceps Class 1 Safety cabinet Centrifuge Water bath Automatic pipettes Plastic loops and spreaders UV Light source | ISO 11731:2017 Procedure 1-4 & 8-14, Matrix A + B | |
| | Detection of Listeria monocytogenes | Primary enrichment in a selective broth followed by secondary enrichment in a selective broth and subsequent plating of both broths onto two selective agars | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 11290-1:2017 | |
| | Detection of Salmonella species | Pre-enrichment in a non-selective broth followed by selective enrichment in two liquid media and subsequent plating onto two selective agars | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Waterbath Automatic pipettes Plastic loops and spreaders | ISO 6579-1:2017 | |

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| Detection of thermotolerant Campylobacter spp. | Selective enrichment culture in broth and subculture onto selective agar plates | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.13, 811.15, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders Gas Jars | ISO 10272-1:2017 - Procedure A | |
| Enumeration of Clostridium perfringens | Colony Count Technique by Pour Plate in selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.09, 811.13, 811.15, 811.16, 811.17 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Waterbath Automatic pipettes Plastic loops and spreaders Gas Jars | ISO 7937:2004 | |
| | Membrane filtration and culture on a selective agar plate | 870 Waters including effluents 870.11, 870.16 811 Microbiological tests on foods 811.10 | Incubators Filtration apparatus Vacuum pump Sterile membrane filters (45µm) Forceps Automatic pipettes Anaerobic gas jars Plastic loops and spreaders | Microbiology of Drinking Water (MDW) (2015) - Part 6 - Section B | |
| Enumeration of Coagulase Positive Staphylococci | Colony Count Technique by surface count on selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 6888-1:1999 + AMD 2:2018 | |
| Enumeration of Coliforms and E.coli | Membrane filtration by a two membrane filtration technique using Membrane Lauryl Sulphate Agar incubated at 37 °C and 44 °C | 870 Waters including effluents 870.11, 870.15, 870.16 811 Microbiological tests on foods 811.10, 811.21 | Incubators Filtration apparatus Vacuum pump Sterile membrane filters (45µm) Sterile petri dishes with absorbant pads Forceps Automatic pipettes Plastic loops and spreaders | Microbiology of Drinking Water (MDW) (2016) - Part 4 - Section A | |
| | MPN method using a defined substrate (IDEXX Colilert 18 Quantitray) | 870 Waters including effluents 870.11, 870.16 811 Microbiological | Incubator Quanti-Tray 200 and 2000 120ml Vessels with anti-foam | Microbiology of Drinking Water (MDW) (2016) - Part 4 - Section D | |

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| | | tests on foods 811.10, 811.21 | Quanti-Tray sealer UV Light source | | |
| Enumeration of E.coli by MPN | Most Probable Number Technique using multiple tubes | 811 Microbiological tests on foods 811.04 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 16649-3:2015 | |
| Enumeration of Enterobacteriaceae | Colony Count Technique by Pour Plate in selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.09, 811.13, 811.15, 811.16, 811.17 818.01 | Balance Stomacher Incubator Waterbath Automatic pipettes Plastic loops and spreaders | ISO 21528-2:2017 | |
| Enumeration of Escherchia coli | Colony Count Technique by surface count using membranes with a resuscitation step at 37 °C and culture on selective agar plates at 44 °C | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 16649-1:2018 | |
| Enumeration of Heterotrophic Bacteria @ 22 °C and 37 °C | Colony count by pour plate method | 870 Waters including effluents 870.11, 870.15, 870.16 811 Microbiological tests on foods 811.10, 811.21 | Incubators Water bath Automatic pipettes Plastic loops and spreaders Colony counter | Microbiology of Drinking Water (MDW) (2012) - Part 7 | |
| Enumeration of Intestinal Enterococci | Membrane filtration and culture on a selective agar plate | 870 Waters including effluents 870.11, 870.15, 870.16 811 Microbiological tests on foods 811.10, 811.21 | Incubators Filtration apparatus Vacuum pump Sterile membrane filters (45µm) Forceps Automatic pipettes Plastic loops and spreaders | ISO 7899-2:2000 | |
| Enumeration of Listeria monocytogenes and Listeria species | Colony Count Technique by surface count on selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 11290-2:2017 | |
| Enumeration of micro-organisms at 30 °C | Colony Count Technique by Pour Plate in non-selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, | Balance Stomacher Incubator Waterbath Automatic Pipettes | ISO 4833-Part 1:2013 | |

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| | | 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | | | |
| | Colony Count Technique by Spiral Plating - surface count on non- selective agar at 30 °C | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.10, 811.13, 811.15, 811.16, 811.17, 811.18 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Balance Stomacher Incubator Spiral Plater Automatic Pipettes | ISO 4833-Part 2:2013 | |
| Enumeration of presumptive Bacillus cereus | Colony Count Technique by surface count on selective agar | 811 Microbiological tests on foods 811.01, 811.02, 811.03, 811.04, 811.06, 811.07, 811.08, 811.09, 811.13, 811.15, 811.16, 811.17, 811.18 | Balance Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 7932:2004 | |
| Enumeration of Pseudomonas aeruginosa | Membrane filtration and culture on a selective agar plate | 870 Waters including effluents 870.11, 870.15 811 Microbiological tests on foods 811.10, 811.21 | Incubators Filtration apparatus Vacuum pump Sterile membrane filters (45µm) Forceps Automatic pipettes Plastic loops and spreaders UV Light source | Microbiology of Drinking Water (MDW) (2015) - Part 8 - Section B | |
| Sampling Techniques from Surfaces | Microbiological Analysis using Swabs | 818 Microbiological Tests for Factory Hygiene Purposes 818.01 | Swabs Cloths Sponges Plastic 10x10 cm Template Stomacher Incubator Automatic pipettes Plastic loops and spreaders | ISO 18593:2004 | |