


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>1591</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Public Health Wales, Microbiology Cardiff</h3> <p>Issue No: 059 Issue date: 18 September 2024</p>	
	<p>Department of Food, Water & Environmental</p> <p>Llandough Hospital</p> <p>Penlan Road</p> <p>Penarth</p> <p>CF64 2XX</p>	<p>Contact: Mr Paul Ellis</p> <p>Tel: +44 (0)292 071 5301</p> <p>E-Mail: paul.ellis@wales.nhs.uk</p> <p>Website: www.publichealthwales.org/</p> <p>www.iechydycyhoedduscymru.wales.nhs.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS	<p><u>Microbiological Tests</u></p> <p>* indicates examination performed under Food Standards Agency designation as an Official Laboratory in accordance with retained Regulation (EU) 2017/625</p> <p>Detection:</p>	Documented In-House Methods:
Ready to eat foods	* <i>Campylobacter</i> spp (thermophilic)	F080 based on BS EN ISO 10272-1:2017 + A1:2023, Procedure A
FOODS	* <i>Escherichia coli</i> O157	F100 based on BS EN ISO 16654:2001 + A2:2023 using immunomagnetic separation and Dynal bead retriever. Confirmation using Biomerieux API 20E and ProLab E.coli O157 latex
	* <i>Listeria</i> spp and species identification of <i>Listeria monocytogenes</i>	F060 based on BS EN ISO 11290-1:2017 with confirmation using Biomerieux API Listeria or using Real Time PCR using method F210 and Thermofisher Micro-SEQ kits and AB 7500 FAST Cyclers.
FOODS (excluding shelled eggs)	* <i>Salmonella</i> spp	F031 based on BS EN ISO 6579-1:2017+A1:2020 Confirmation using Biomerieux API 20E and serology



1591
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Public Health Wales, Microbiology Cardiff
Issue No: 059 Issue date: 18 September 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS (cont'd)	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration:</p> <p>*Aerobic colony count (30 °C for 72h)</p> <p>*Presumptive <i>Bacillus cereus</i></p> <p>*<i>Clostridium perfringens</i></p> <p>*Enterobacteriaceae</p> <p>*<i>Escherichia coli</i> β-glucuronidase positive</p> <p>*Coagulase positive staphylococci including <i>Staphylococcus aureus</i></p> <p>*<i>Listeria</i> spp and species identification of <i>Listeria monocytogenes</i></p>	<p>Documented In-House Methods: (cont'd)</p> <p>F011 based on BS EN ISO 4833-2:2013+A1:2022</p> <p>F050 based on BS EN ISO 7932:2004+A1:2020</p> <p>F070 based on BS EN ISO 15213-2:2023 with in-house confirmation using Lactose Gelatine Motility Nitrate medium</p> <p>1) F111 based on BS EN ISO 21528-2:2017 using duplicate plating</p> <p>2) F110 based on BS EN ISO 21528-2:2017 using single plating</p> <p>F020 based on BS ISO 16649-2:2001</p> <p>1) F041 based on BS EN ISO 6888-1:2021+ A1:2023 using single plating and confirmation with Dnase and tube coagulase</p> <p>2) F040 based on BS EN ISO 6888-1:2021+ A1:2023 using duplicate plating and confirmation with tube coagulase</p> <p>F060 based on BS EN ISO 11290-2:2017 with confirmation using Biomerieux API Listeria or using Real Time PCR using method F210 and Thermofisher Micro-SEQ kits and AB 7500 FAST Cyler</p>



1591
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Public Health Wales, Microbiology Cardiff
Issue No: 059 Issue date: 18 September 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MILKS	<u>Microbiological Tests</u> (cont'd) Detection: *Enterobacteriaceae Enumeration: *Enterobacteriaceae	Documented In-House Methods: (cont'd) F160 based on BS EN ISO 21528-1:2017 F111 based on BS EN ISO 21528-2:2017 using duplicate plating at 37 °C
WATERS Potable including natural water and non-potable including industrial water	<u>Microbiological Tests</u> Enumeration: <i>Legionella</i> spp and <i>Legionella pneumophila</i> serotypes 1-14	W080 based on BS EN ISO 11731:2017 using membrane filtration with heat and acid treatment and using BCYE and GVPC agars Identification using latex agglutination. [Matrix A, procedures 8,9 and 10. Media A and C]
Rinse water from washer disinfectant machines	Aerobic colony count (30 °C for 5 days)	W090 based on BS EN ISO 15883-1:2009 + A1:2014
Dialysis water	Aerobic colony count (20 °C for 7 days)	W100 based on BS EN ISO 23500-5:2024
WATERS Potable, including Bottled, Natural & Mineral; and non-potable, including surface waters, swimming pools, spas and jacuzzis	<u>Microbiological Tests</u> Detection: <i>Salmonella</i> spp Enumeration: Aerobic Colony Count at 22 °C for 68h 37 °C for 24h 37 °C for 48h	Documented In-House Methods based on 'The Microbiology of Drinking Water, Environment Agency W070 based on Part 9, 2006 W020 using pour plate based on Part 7, 2020



1591
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Public Health Wales, Microbiology Cardiff
Issue No: 059 Issue date: 18 September 2024

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS (cont'd) Potable, including Bottled, Natural & Mineral; and non-potable, including surface waters, swimming pools, spas and jacuzzis	<u>Microbiological Tests</u> (cont'd) Enumeration: Coliforms <i>Escherichia coli</i> Enterococci (Faecal streptococci) <i>Pseudomonas aeruginosa</i>	Documented In-House Methods based on 'The Microbiology of Drinking Water, Environment Agency (cont'd) W010 using membrane filtration based on Part 4A, 2016 W010 using membrane filtration based on Part 4A, 2016 W030 using membrane filtration based on Part 5A, 2012 W040 using membrane filtration based on Part 8B, 2015
WATERS Potable, including Bottled, Natural & Mineral; and non-potable, including	Enumeration: <i>Clostridium perfringens</i> Sulphite-reducing anaerobes (SRC)	W051 using membrane filtration based on MDW Part 6, 2021 W050 using membrane filtration based on MDW Part 6, 2021
FOODS, SWABS	<u>Molecular Tests</u> Detection of Microbial DNA: <i>Listeria</i> spp and <i>Listeria monocytogenes</i> DNA	In house developed method Using Enrichment in Half Fraser broth. Extraction of bacterial DNA using Method F200. Detection using Thermofisher MicroSEQ Real Time PCR and AB 7500 FAST Cycler Method F210

END