

**Schedule of Accreditation**  
 issued by  
**United Kingdom Accreditation Service**

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

 <b>1591</b> <small>Accredited to ISO/IEC 17025:2017</small>	<p style="text-align: center;"><b>Public Health Wales, Microbiology Cardiff</b></p> <p style="text-align: center;"><b>Issue No: 062 Issue date: 19 December 2025</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <b>Department of Food, Water &amp; Environmental Llandough Hospital Penlan Road Penarth CF64 2XX</b> </td><td style="width: 50%; padding: 5px;"> <b>Contact: Mr Paul Ellis Tel: +44 (0)292 071 5301 E-Mail: paul.ellis@wales.nhs.uk Website: <a href="http://www.publichealthwales.org/">www.publichealthwales.org/</a> <a href="http://www.iechydcyhoedduscymru.wales.nhs.uk">www.iechydcyhoedduscymru.wales.nhs.uk</a></b> </td></tr> </table> <p style="text-align: center;"><b>Testing performed at the above address only</b></p>	<b>Department of Food, Water &amp; Environmental Llandough Hospital Penlan Road Penarth CF64 2XX</b>	<b>Contact: Mr Paul Ellis Tel: +44 (0)292 071 5301 E-Mail: paul.ellis@wales.nhs.uk Website: <a href="http://www.publichealthwales.org/">www.publichealthwales.org/</a> <a href="http://www.iechydcyhoedduscymru.wales.nhs.uk">www.iechydcyhoedduscymru.wales.nhs.uk</a></b>
<b>Department of Food, Water &amp; Environmental Llandough Hospital Penlan Road Penarth CF64 2XX</b>	<b>Contact: Mr Paul Ellis Tel: +44 (0)292 071 5301 E-Mail: paul.ellis@wales.nhs.uk Website: <a href="http://www.publichealthwales.org/">www.publichealthwales.org/</a> <a href="http://www.iechydcyhoedduscymru.wales.nhs.uk">www.iechydcyhoedduscymru.wales.nhs.uk</a></b>		

**DETAIL OF ACCREDITATION**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/Equipment/Techniques used
FOODS	<u>Microbiological Tests</u> <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> <p>*<i>Campylobacter</i> spp (thermophilic)</p>	Documented In-House Methods:
Ready to eat foods		F080 based on BS EN ISO 10272-1:2017 + A1:2023, Procedure A
FOODS	<p>*<i>Escherichia coli</i> O157</p>	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
FOODS (excluding shelled eggs)	<p>*<i>Listeria</i> spp and species identification of <i>Listeria monocytogenes</i></p> <p>*<i>Salmonella</i> spp</p>	F060 based on BS EN ISO 11290-1:2017 with confirmation using Biomerieux API Listeria. F031 based on BS EN ISO 6579-1:2017+A1:2020 Confirmation using Biomerieux API 20E and serology



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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 Confirmation using SIM Agar</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</p>



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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	<u>Microbiological Tests</u>  Enumeration:  <i>Legionella</i> spp and <i>Legionella pneumophila</i> serotypes 1-14	
Drinking, Natural and non-potable including Process water		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 disinfector machines	Aerobic colony count (30 °C for 5 days)	W090 based on BS EN ISO 15883-1:2025
Dialysis fluids	Aerobic colony count (20 °C for 7 days)	W100 based on BS EN ISO 23500-5:2024
Drinking, including Bottled, Natural & Mineral, Natural and Man-made Recreational	 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



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WATERS (cont'd) Drinking, including Bottled, Natural & Mineral, Natural and Man-made Recreational	<u>Microbiological Tests</u> (cont'd)  Enumeration:  Coliforms  <i>Escherichia coli</i>  Enterococci (Faecal streptococci)  <i>Pseudomonas aeruginosa</i>  <i>Clostridium perfringens</i>  Sulphite-reducing anaerobes (SRC)	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  W051 using membrane filtration based on MDW Part 6, 2021  W050 using membrane filtration based on MDW Part 6, 2021
WATERS Drinking, including Bottled, Natural & Mineral, Natural, including Process water		END