

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



1591

Accredited to  
ISO/IEC 17025:2017

### Public Health Wales, Microbiology Cardiff

Issue No: 051 Issue date: 29 April 2021

Department of Food, Water &  
Environmental

Llandough Hospital

Penlan Road

Penarth

CF64 2XX

Contact: Mrs D Charles

Tel: +44 (0)292 071 6745

Fax: +44 (0)292 071 5134

E-Mail: [deborah.charles@wales.nhs.uk](mailto:deborah.charles@wales.nhs.uk)

Website: [www.publichealthwales.org/](http://www.publichealthwales.org/)

[www.iechydcyhoedduscymru.wales.nhs.uk](http://www.iechydcyhoedduscymru.wales.nhs.uk)

Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS	<u>Microbiological Tests</u>  Detection:  <i>Campylobacter</i> spp (thermophilic)  <i>Escherichia coli</i> O157  <i>Listeria</i> spp and species identification of <i>Listeria monocytogenes</i>	Documented In-House Methods:  F080 based on BS EN ISO 10272-1:2017  F100 based on BS EN ISO 16654:2001 + A1 2017 using immunomagnetic separation and Dynal bead retriever. Confirmation using Biomerieux API 20E and Prolab E.coli O157 latex  F060 based on BS EN ISO 11290-1:2017 with confirmation using Biomerieux API Listeria
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
FOODS	Enumeration:  Aerobic colony count (30 °C for 72 hour)  Presumptive <i>Bacillus cereus</i>  <i>Clostridium perfringens</i>	F011 based on BS EN ISO 4833-2:2013  F050 based on BS EN ISO 7932:2004+A1:2020  F070 based on BS EN ISO 7937:2004



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FOODS (cont'd)	<u>Microbiological Tests</u> (cont'd)  Enumeration: (cont'd)  Enterobacteriaceae   <i>Escherichia coli</i> $\beta$ -glucuronidase positive  Coagulase positive staphylococci including <i>Staphylococcus aureus</i>   <i>Listeria</i> spp and species identification of <i>Listeria monocytogenes</i>	Documented In-House Methods: (cont'd)  1) F111 based on BS EN ISO 21528-2:2017 using duplicate plating  2) F110 based on BS EN ISO 21528-2:2017 using single plating  F020 based on BS ISO 16649-2:2001  1) F041 based on BS EN ISO 6888-1:1999+A2:2018 using single plating and confirmation with Dnase and tube coagulase  2) F040 based on BS EN ISO 6888-1:1999+A2:2018 using duplicate plating and confirmation with tube coagulase  F060 based on BS EN ISO 11290-2:2017 with confirmation using Biomerieux API Listeria
MILKS	<u>Microbiological Tests</u>  Detection:  Enterobacteriaceae  Enumeration:  Enterobacteriaceae	Documented In-House Methods:  F160 based on BS EN ISO 21528-1:2017  F111 based on BS EN ISO 21528-2:2017 using duplicate plating at 37°C



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<p><b>WATERS</b></p> <p>Potable including natural water and non-potable including industrial water</p> <p>Rinse water from washer disinfectant machines</p> <p>Dialysis water</p>	<p><u>Microbiological Tests</u></p> <p>Detection and Enumeration:</p> <p><i>Legionella</i> spp and <i>Legionella pneumophila</i> serotypes 1-14</p> <p>Aerobic colony count (30°C for 5 days)</p> <p>Aerobic colony count (20°C for 7 days)</p>	<p>Documented In-House Method</p> <p>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]</p> <p>W090 based on BS EN ISO 15883-1:2009 + A1:2014</p> <p>W100 based on BS EN ISO 23500-5:2019</p>
<p><b>WATERS</b></p> <p>Potable, including Bottled, Natural &amp; Mineral; and non-potable, including surface waters, swimming pools, spas and jacuzzis</p>	<p><u>Microbiological Tests</u></p> <p>Detection:</p> <p><i>Salmonella</i> spp</p> <p>Enumeration:</p> <p>Colony count at 22°C for 68hrs 37°C for 24hrs 37°C for 48hrs</p> <p>Coliforms</p> <p><i>Escherichia coli</i></p> <p>Enterococci (Faecal streptococci)</p> <p><i>Pseudomonas aeruginosa</i></p>	<p>Documented In-House Methods based on 'The Microbiology of Drinking Water, Environment Agency</p> <p>W070 based on Part 9, 2006</p> <p>W020 using pour plate based on Part 7, 2020</p> <p>W010 using membrane filtration based on Part 4A, 2016</p> <p>W010 using membrane filtration based on Part 4A, 2016</p> <p>W030 using membrane filtration based on Part 5A, 2012</p> <p>W040 using membrane filtration based on Part 8B, 2015</p>



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WATERS Potable, including Bottled, Natural & Mineral; and non-potable, including	<u>Microbiological Tests</u>  Enumeration:  <i>Clostridium perfringens</i>  Sulphite-reducing anaerobes (SRC)	Documented In-House Methods based on 'The Microbiology of Drinking Water, Environment Agency'  W051 using membrane filtration based on MDW Part 6, 2021  W050 using membrane filtration based on MDW Part 6, 2021
END		