


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>1817</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Public Health Wales North Wales Microbiology Service F, W & E</p> <p>Issue No: 041 Issue date: 08 March 2024</p>	
	<p>Ysbyty Gwynedd Bangor Gwynedd LL57 2PW</p>	<p>Contacts: H Jones and S. Roberts Tel: +44 (0) 3000850917 E-Mail: heulwen.jones5@wales.nhs.uk sioned.roberts10@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
<p>FOOD and FOOD PRODUCTS Unspecified</p>	<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><u>Detection:</u></p> <p>*<i>Listeria</i> spp including <i>Listeria monocytogenes</i></p> <p>*<i>Salmonella</i> spp</p> <p>*<i>Campylobacter</i> spp</p> <p>*<i>Escherichia coli</i> O157</p> <p><u>Enumeration:</u></p> <p>*<i>Bacillus cereus</i>, presumptive (and <i>Bacillus</i> spp recovered)</p> <p>*<i>Clostridium perfringens</i></p>	<p>Documented in-house methods</p> <p>F060 based on BS EN ISO 11290-1:2017 with confirmation using API listeria</p> <p>F031 based on BS EN ISO 6579-1:2017+ A1 2020 with confirmation using API and serology</p> <p>F080 using Bolton Broth enrichment and subculture to CCDA with confirmation using microscopy and growth requirements</p> <p>F100 based on BS EN ISO 16654:2001+A2:2023 with confirmation using API and Oxoid latex kit</p> <p>F050 based on BS EN ISO 7932:2004+ A1 2020</p> <p>F070 based on BS EN ISO 7937-1:2004</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS Unspecified (cont'd)	<u>Microbiological Tests (cont'd)</u> <u>Enumeration:</u> (cont'd) * <i>Escherichia coli</i> (β -glucuronidase positive) * <i>Listeria</i> spp, confirmed <i>Listeria monocytogenes</i> *Coagulase positive Staphylococci, including <i>Staph. aureus</i> *Aerobic Colony Count at 30°C *Enterobacteriaceae * <i>Escherichia coli</i> (β -glucuronidase positive)	Documented in-house methods F150 based on ISO 16649-3:2015 by MPN F060 based on BS EN ISO 11290- 2:2017 with confirmation using API listeria 1) F041 based on ISO 6888- 1:2021+ Amd1:2023 using single plating and confirmation with DNase and tube coagulase/slide agglutination 2) F040 based on ISO 6888- 1:2021+ Amd1:2023 using duplicate plating and confirmation with DNase and tube coagulase/slide agglutination 1) F011 using spiral plate technique based on BS EN ISO 4833-2:2013 2) F010 using spread plate technique based on BS EN ISO 4833-2:2013 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 3) F160 based on BS EN ISO 21528-1:2017 by MPN F020 In house method using TBX agar and spread plate technique
Shellfish	* <i>Escherichia coli</i>	F090 based on ISO 16649-3:2015 following CEFAS NRL Generic Protocol, issue 16 3/10/2023



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ENVIRONMENTAL SAMPLES (Sponge and Stick swabs)	<p>Microbiological Tests</p> <p><u>Detection:</u></p> <p><i>Listeria</i> spp <i>Listeria monocytogenes</i></p> <p><i>Salmonella</i> spp</p> <p><i>Campylobacter</i> spp</p> <p><i>Escherichia coli</i> O157</p> <p><u>Enumeration:</u></p> <p><i>Listeria</i> spp, confirmed <i>Listeria monocytogenes</i></p> <p>Aerobic Colony Count at 30°C</p> <p>Enterobacteriaceae</p> <p><i>Escherichia coli</i> (β-glucuronidase positive)</p>	<p>Documented In-house methods</p> <p>F060 based on BS EN ISO 11290-1:2017 with confirmation using API listeria</p> <p>F031 based on BS EN ISO 6579-1:2017+ A1 2020 with confirmation using API and serology</p> <p>F080 using Bolton Broth enrichment and subculture to CCDA with confirmation using microscopy and growth requirements</p> <p>F100 based on BS EN ISO 16654:2001+A2:2023 with confirmation using API and Oxoid latex kit</p> <p>F060 based on BS EN ISO 11290- 2:2017 with confirmation using API listeria</p> <p>1) F011 using spiral plate technique based on BS EN ISO 4833-2:2013</p> <p>2) F010 using spread plate technique based on BS EN ISO 4833-2:2013</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 In house method using TBX agar and spread plate technique</p>



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WATERS	<u>Microbiological Tests</u>	Documented in-house methods
Potable, pool, spa, surface, sea waters	<u>Enumeration: (cont'd)</u> <i>Clostridium perfringens</i> Coliforms <i>Escherichia coli</i> Enterococci <i>Pseudomonas aeruginosa</i> Sulphite reducing clostridia including <i>Clostridium perfringens</i>	W051 based on the Microbiology of Drinking Water Part 6:2021 W010 based on the Microbiology of Drinking Water Part 4:2016 W010 based on the Microbiology of Drinking Water Part 4:2016 W030 based on the Microbiology of Drinking Water Part 5A:2012 W040 based on the Microbiology of Drinking Water Part 8:2015 W050 based on the Microbiology of Drinking Water Part 6:2021
Potable, spa, surface, sea waters	Aerobic Colony Count 37°C for 48 hrs 22°C for 68 hrs	W020 based on the Microbiology of Drinking Water Part 7:2020
Pool water	Aerobic Colony Count 37°C for 24 hrs <u>Detection and Enumeration</u>	W020 Pool Water Treatment Advisory Group 2019
Drinking, swimming pool, hospital tap	<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 with Identification Using Latex Agglutination. (Matrix A Waters, Procedures 8, 9 &10. Media A and C)
Endoscopy washer disinfectant final rinse waters	Aerobic colony count, 30°C for 5 days	W090 based on WHTM 01-06 part E using membrane filtration plating onto R2A medium



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WATERS Renal dialysis waters	<u>Microbiological Tests</u> <u>Enumeration: (cont'd)</u> Aerobic colony count, 20°C for 7 days	Documented in-house methods W100 based on BS EN ISO 23500-5:2019
END		