

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



1817

Accredited to  
ISO/IEC 17025:2017

### Public Health Wales North Wales Microbiology Service F, W & E

Issue No: 042 Issue date: 09 April 2025

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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
FOOD and FOOD PRODUCTS Unspecified	<u>Microbiological Tests</u>  * indicates examination performed under Food Standards Agency designation as an Official Laboratory in accordance with retained Regulation (EU) 2017/625  <u>Detection:</u>  * <i>Listeria</i> spp including <i>Listeria monocytogenes</i>  * <i>Salmonella</i> spp  * <i>Campylobacter</i> spp  * <i>Escherichia coli</i> O157  <u>Enumeration:</u>  * <i>Bacillus cereus</i> , presumptive (and <i>Bacillus</i> spp recovered)	Documented in-house methods  F060 based on BS EN ISO 11290-1:2017 with confirmation using API listeria  F031 based on BS EN ISO 6579-1:2017+ A1 2020 with confirmation using API and serology  F080 using Bolton Broth enrichment and subculture to CCDA with confirmation using microscopy and growth requirements  F100 based on BS EN ISO 16654:2001+A2:2023 with confirmation using API and Oxoid latex kit  F050 based on BS EN ISO 7932:2004+ A1 2020



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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)	<p><u>Microbiological Tests (cont'd)</u></p> <p><u>Enumeration: (cont'd)</u></p> <p>*<i>Clostridium perfringens</i></p> <p>*<i>Escherichia coli</i> (<math>\beta</math>-glucuronidase positive)</p> <p>*<i>Listeria</i> spp, confirmed <i>Listeria monocytogenes</i></p> <p>*Coagulase positive Staphylococci, including <i>Staph. aureus</i></p> <p>*Aerobic Colony Count at 30°C</p> <p>*Enterobacteriaceae</p> <p>*Enterobacteriaceae</p>	<p>Documented in-house methods</p> <p>F070 based on BS EN ISO 15213-2:2023 with in house confirmation test using LG MN agar.</p> <p>F150 based on ISO 16649-3:2015 by MPN</p> <p>F060 based on BS EN ISO 11290- 2:2017 with confirmation using API listeria</p> <p>1) F041 based on ISO 6888- 1:2021+ Amd1:2023 using single plating and confirmation with DNase and tube coagulase/slide agglutination</p> <p>2) F040 based on ISO 6888- 1:2021+ Amd1:2023 using duplicate plating and confirmation with DNase and tube coagulase/slide agglutination</p> <p>1) F011 using spiral plate technique based on BS EN ISO 4833-2:2013+And1:2022</p> <p>2) F010 using spread plate technique based on BS EN ISO 4833-2:2013+And1:2022</p> <p>1) F111 based on BS EN ISO 21528-2:2017 using duplicate plating</p> <p>F110 based on BS EN ISO 21528- 2:2017 using single plating</p> <p>F160 based on BS EN ISO 21528- 1:2017 by MPN</p>



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FOOD and FOOD PRODUCTS Unspecified (cont'd)	<u>Microbiological Tests</u> (cont'd)  <u>Enumeration:</u> (cont'd)  <i>*Escherichia coli</i> ( $\beta$ -glucuronidase positive)	Documented in-house methods  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
ENVIRONMENTAL SAMPLES (Sponge and Stick swabs)	Microbiological Tests <u>Detection:</u>  <i>Listeria</i> spp <i>Listeria monocytogenes</i>  <i>Salmonella</i> spp  <i>Campylobacter</i> spp  <i>Escherichia coli</i> O157  <u>Enumeration:</u>  <i>Listeria</i> spp, confirmed <i>Listeria monocytogenes</i>  Aerobic Colony Count at 30°C	Documented In-house methods  F060 based on BS EN ISO 11290-1:2017 with confirmation using API listeria  F031 based on BS EN ISO 6579-1:2017+ A1 2020 with confirmation using API and serology  F080 using Bolton Broth enrichment and subculture to CCDA with confirmation using microscopy and growth requirements  F100 based on BS EN ISO 16654:2001+A2:2023 with confirmation using API and Oxoid latex kit  F060 based on BS EN ISO 11290- 2:2017 with confirmation using API listeria  1) F011 using spiral plate technique based on BS EN ISO 4833-2:2013+And1:2022



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ENVIRONMENTAL SAMPLES (Sponge and Stick swabs) (cont'd)	Microbiological Tests (cont'd)  <u>Enumeration:</u> (cont'd)  Enterobacteriaceae  <i>Escherichia coli</i> ( $\beta$ -glucuronidase positive)	Documented In-house methods  2) F010 using spread plate technique based on BS EN ISO 4833-2:2013+And1:2022  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 In house method using TBX agar and spread plate technique
WATERS  Potable, pool, spa, surface, sea waters	<u>Microbiological Tests</u>  <u>Enumeration:</u> (cont'd)  <i>Clostridium perfringens</i>  Coliforms  <i>Escherichia coli</i>  Enterococci  <i>Pseudomonas aeruginosa</i>  Sulphite reducing clostridia including <i>Clostridium perfringens</i>	Documented in-house methods  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



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WATERS	<u>Microbiological Tests</u>	Documented in-house methods
Pool water	<u>Enumeration:</u> (cont'd)  Aerobic Colony Count 37°C for 24 hrs	W020 Pool Water Treatment Advisory Group 2019
Drinking, swimming pool, hospital tap	<u>Detection and Enumeration</u>  <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
WATERS	<u>Microbiological Tests</u>	Documented in-house methods
Renal dialysis waters	<u>Enumeration:</u> (cont'd)  Aerobic colony count, 20°C for 7 days	W100 based on BS EN ISO 23500-5:2024
END		