


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>1562</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Marine Biological and Chemical Consultants</h3> <p>Issue No: 028 Issue date: 29 March 2021</p>	
	<p>Food Technology Centre Lon Penmynydd Llangefni Ynys Mon LL77 7HY</p>	<p>Contact: Mr B Egan Tel: +44 (0)1248 751215 Fax: +44 (0)1248 751216 E-Mail: mbcc@btinternet.com</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, including Dairy</p> <p>FOOD COMPONENTS , including Dairy</p> <p>FOOD and FOOD PRODUCTS including Dairy</p> <p>FOOD and FOOD PRODUCTS including Dairy (exceptions in parentheses)</p>	<p><u>Microbiological Tests</u></p> <p><u>Detection:</u></p> <p><i>Salmonella</i> spp, confirmed</p> <p><i>Listeria</i> spp, confirmed</p>	<p>Documented in-house methods</p> <p>WI/B12 based on BS EN ISO 6579-1:2017+A1:2020</p> <p>WI/B10 using Oxford selective broth and Oxford selective agar. Confirmation using biochemical test strips.</p>
	<p><i>Listeria monocytogenes</i></p>	<p>WI/B22 Rapid detection using Half Fraser Broth selective enrichment and Chromogenic selective agar as described in the Biorad Rapid L.mono protocol. Confirmation using Microgen ID Listeria test strips.</p>
	<p><u>Enumeration:</u></p> <p><i>Bacillus cereus</i> (presumptive)</p> <p><i>Clostridium perfringens</i></p> <p>Coliforms, presumptive and confirmed</p> <p><i>Enterobacteriaceae</i> (presumptive)</p>	<p>WI/B23 based on ISO 7932:2004+A1:2020</p> <p>WI/B18 based on BE EN ISO 7937:2004</p> <p>WI/B11 based on BS ISO 4832:2006</p> <p>WI/B16 based on BS EN ISO 21528-2:2017</p>



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<p>FOOD AND FOOD PRODUCTS, including Dairy (cont'd)</p> <p>(excluding Dairy)</p> <p>(Milk and Dairy Products only)</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration: (cont'd)</p> <p><i>Escherichia coli</i> (beta-glucuronidase-positive)</p> <p><i>Pseudomonas</i> spp</p> <p>Yeasts & Moulds</p> <p>Coagulase positive staphylococci including <i>Staphylococcus aureus</i>, confirmed</p> <p>Aerobic Colony Count</p>	<p>Documented in-house method</p> <p>WI/B015 based on BS ISO 16649-2:2001 by spread plate using TBGA</p> <p>WI/B17 based on BS EN ISO 13720:2010</p> <p>WI/B20 based on BS ISO 6611:2004</p> <p>WI/B13 based on BS EN ISO 6888-1:1999 (with AMD1) Confirmation using rabbit plasma fibrinogen agar</p> <p>1) WI/B09 based on BS EN ISO 4833-1:2013 (30°C for 72 hours)</p> <p>2) WI/B09 pour plate using plate count agar and incubation at 30°C for 48 hours</p> <p>3) WI/B09 pour plate using Plate count agar and incubation at 22°C for 120 hours</p>
<p>ENVIRONMENTAL SAMPLES</p> <p>Environmental Surface Swabs (sponge and stick swabs)</p>	<p><u>Microbiological Tests</u></p> <p><u>Detection:</u></p> <p><i>Listeria</i> spp, confirmed</p>	<p>WI/B10 using Oxford selective broth and Oxford selective agar. Confirmation using biochemical test strips</p>



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ENVIRONMENTAL SAMPLES (cont'd)	<u>Microbiological Tests</u> (cont'd)	
Environmental Surface Swabs (sponge and stick swabs)	<u>Enumeration:</u> Coliforms, presumptive and confirmed	WI/B11 based on BS ISO 4832:2006
Environmental Surface Swabs (sponge and stick swabs) (cont'd)	<i>Enterobacteriaceae</i> (presumptive)	WI/B16 based on BS EN ISO 21528-2:2017
Environmental Surface Swabs (sponge and stick swabs) (cont'd)	Coagulase positive staphylococci including <i>Staphylococcus aureus</i>	WI/B13 based on BS EN ISO 6888-1:1999 (with AMD1) Confirmation using rabbit plasma fibrinogen agar
	Aerobic Colony Count	1) WI/B09 pour plate using plate count agar and incubation at 30°C for 48 hours
WATERS	<u>Microbiological Tests</u>	Documented in-house methods based on procedures in "The Microbiology of Drinking Water", MoDW
Drinking (including bottled water), ground, surface, recreational (man made and natural)	<u>Enumeration:</u> Coliforms, presumptive and confirmed	WI/B01 by membrane filtration, based on MoDW Part 4, 2016
Drinking (including bottled water), ground, surface, recreational (man made and natural)	<i>Escherichia coli</i> , confirmed	WI/B01 by membrane filtration, based on MoDW Part 4, 2016
Drinking (including bottled water), ground, surface, recreational (natural)	Enterococci, presumptive and confirmed	WI/B02 by membrane filtration, based on MoDW Part 5A, 2012
Drinking (including bottled water), recreational (man made)	<i>Pseudomonas aeruginosa</i> , presumptive and confirmed	WI/B05 by membrane filtration, based on MDW Part 8, 2015
Drinking (including bottled water)	Sulphite reducing clostridia,	WI/B06 by membrane filtration, based on MDW Part 6, 2020



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WATERS (cont'd) Drinking (including bottled water), recreational (man made)	<u>Microbiological Tests</u> (cont'd) Aerobic Colony Count at 22 °C and 37 °C	WI/B04 by pour plate, based on MDW Part 7A, 2020
END		