


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>28563</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Marfleet Microbiology Ltd</p> <p>Issue No: 002 Issue date: 24 October 2025</p>	
	<p>Thorpe House Kelleythorpe Estate Driffield East Yorkshire YO25 9DJ</p>	<p>Contact: Sally Palmer Tel: +44(0) 1377 241945 E-Mail: info@marfleetmicro.com Website: marfleetmicrobiology.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
ANIMAL FEEDS	<p><u>Microbiological Tests</u></p> <p>Enumeration:</p> <p>Enterobacteriaceae, confirmed</p> <p>Detection:</p> <p><i>Salmonella</i> spp. confirmed (including identification to group level)</p>	<p>Documented In-house methods for the purpose of the Animal By-Products (Enforcement) Regulation (ABPR) 2013 (amended 2015) implementing Regulation (EU) No 142/2011 (amended 2013)</p> <p>TP/009A based on BS EN ISO 21528-2:2017</p> <p>TP/018A based on BS EN ISO 6579-1:2017 + A1:2020, Confirmation using Biomerieux API20E and serology. Identification to group level by serology</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ENVIRONMENTAL SAMPLES	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:
Boot swabs, Chick box liners, Litters, Faeces, Dead chicks, Dust & Meconium	Detection: <i>Salmonella</i> spp. confirmed (including identification to group level)	TP/018D based on BS EN ISO 6579-1:2017 + A1:2020 for matrices as required for the purposes of testing in accordance with Control of Salmonella in Poultry Orders (CSPO 2007) with confirmation using Biomerieux API20E and serology. Identification to group level by serology
Boot swabs	<i>Salmonella</i> spp. confirmed (including identification to group level)	TP/018E based on BS EN ISO 6579-1:2017 + A1:2020 for matrices as required for the purposes of testing in accordance with Control of Salmonella in Broiler Orders (CSBO 2009) with confirmation using Biomerieux API20E and serology. Identification to group level by serology
Boot swabs, Chick box liners, Litters, Dead chicks, Dust & Meconium	<i>Salmonella</i> spp. confirmed (including identification to group level)	TP/018 based on BS EN ISO 6579-1:2017 + A1:2020, with confirmation using Biomerieux API20E and serology. Identification to group level by serology
Boot swabs, Hatch tray liners, Faeces, Dead-in shell chicks, Cull-chicks, Meconium	<i>Salmonella</i> spp. confirmed (including <i>pullorum/gallinarum</i> and <i>arizona</i>)	TP/018B using selective enrichment in Selenite Cystine broth, plating onto BGA and XLD; confirmation using biochemical confirmation using Biomerieux API20E and serology for the purpose of the Trade in Animals and Related Products Regulation 2011 (TARP)/Poultry Health Scheme (PHS) implementing Council Directive 2009/158/EC



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ENVIRONMENTAL SAMPLES (cont'd) Swabs from Food Premises	<u>Microbiological Tests</u> (cont'd) Enumeration: Coliforms, presumptive <i>Escherichia coli</i> , β-glucuronidase positive Enterobacteriaceae, presumptive <i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed <i>Pseudomonas</i> spp, presumptive Coagulase positive <i>Staphylococcus</i> Total aerobic colony count Yeasts	Documented In-House Methods: TP/007 based on BS ISO 4832:2006 TP/016 based on BS EN ISO 16649-2:2001 TP/009 based on BS EN ISO 21528-2:2017 TP/017 based on BS EN ISO 11290-2:2017, confirmation using Microgen biochemical profile TP/014A based on BS EN ISO 13720:2010 using CFC selective agar at 25°C TP/012 based on BS EN ISO 6888-1:2021 +A1:2023 with confirmation using Staphytect plus or Remel Staphaurex Plus test Kit TP/006 by PCA spread plate combined with a modified Miles and Misra count at 30 °C TP/008 using RBCA spread plate at 22-25 °C



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ENVIRONMENTAL SAMPLES (cont'd) Swabs from Food Premises (cont'd)	<u>Microbiological Tests</u> (cont'd) Detection: <i>Campylobacter</i> spp., confirmed <i>Listeria monocytogenes</i> and <i>Listeria</i> spp., confirmed <i>Salmonella</i> spp. confirmed (including identification to group level)	Documented In-House Methods: TP/028A based on BS EN ISO 10272-1:2017 + A1:2023 (option B) 1) TP/017 based on BS EN ISO 11290-1:2017 with confirmation using Microgen biochemical profile 2) TP/029 using Solus Scientific ELISA kit, with confirmation using Microgen biochemical profile 1) TP/018 based on BS EN ISO 6579-1:2017 + A1:2020, with confirmation using Confirmation using Biomerieux API20E and serology. Identification to group level by serology 2) TP/025 using Solus Scientific ELISA kit with confirmation using Biomerieux API20E and serology. Identification to group level by serology
FOOD and FOOD PRODUCTS general unless otherwise specified	Enumeration: <i>Bacillus cereus</i> , presumptive <i>Clostridium perfringens</i> , presumptive Coliforms, presumptive Enterobacteriaceae, presumptive <i>Escherichia coli</i> , β -glucuronidase positive	TP/027 based on BS EN ISO 7932:2004 +A1:2020 TP/015 based on BS EN ISO 15213-02:2023 TP/007 based on BS ISO 4832:2006 TP/009 based on BS EN ISO 21528-2:2017 TP/016 based on BS EN ISO 16649-2:2001



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FOOD and FOOD PRODUCTS general unless otherwise specified (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:
	Enumeration: (cont'd)	
	Faecal Streptococci (Enterococci), presumptive	TP/013 using KAA Agar spread plate at 37°C
	Lactic acid bacteria, presumptive	TP/011 based on BS EN ISO 15214:1998
	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed	TP/017 based on BS EN ISO 11290-2:2017, with confirmation using Microgen biochemical profile
	<i>Pseudomonas</i> spp, presumptive	TP/014 using CFC selective agar at 30 °C
	<i>Pseudomonas</i> spp, presumptive	TP/014A based on BS EN ISO 13720:2010 using CFC selective agar at 25°C
	Coagulase positive <i>Staphylococcus</i>	TP/012 based on BS EN ISO 6888-1:2021 +A1:2023 with confirmation using Staphylect plus or Remel Staphaurex Plus test Kit
Total aerobic colony count	(1) TP/005 based on BS EN ISO 4833-1:2013 +A1:2022 at 30 °C (2) TP/006 by PCA spread plate combined with a modified Miles and Misra count at 30 °C	
Yeasts and moulds	TP/008 using RBCA spread plate at 22-25 °C	



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<p>FOOD and FOOD PRODUCTS general unless otherwise specified (cont'd)</p> <p>Cooked products including ready to eat products and sandwiches</p> <p>Raw meats and Raw milk</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Detection:</p> <p><i>Campylobacter</i> spp., confirmed</p> <p><i>Campylobacter</i> spp., confirmed</p> <p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp., confirmed</p> <p><i>Salmonella</i> spp.confirmed Identified to group level by serology</p>	<p>Documented In-House Methods:</p> <p>TP/028 based on BS EN ISO 10272-1:2017 +A1:2023 (option A)</p> <p>TP/028A based on BS EN ISO 10272-1:2017 +A1:2023 (option B)</p> <p>1) TP/017 based on BS EN ISO 11290-1:2017, with confirmation using Microgen biochemical profile</p> <p>2) TP/029 using Solus Scientific ELISA kit, with confirmation using Microgen biochemical profile</p> <p>TP/018 based on BS EN ISO 6579-1:2017 + A1:2020, with confirmation using Confirmation using Biomerieux API20E and serology</p> <p>TP/025 using Solus Scientific ELISA kit with confirmation using Biomerieux API20E and serology</p>



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WATERS Drinking (non regulatory) and Process	<u>Microbiological Tests</u> (cont'd) Enumeration: <i>Clostridium perfringens</i> , presumptive Coliforms and <i>Escherichia coli</i> Enterococci, confirmed Heterotrophic Bacteria (Total aerobic colony count) at 22°C and 37°C	Documented In-House Methods: TP/004 based on The Microbiology of Drinking Water, Part 6, 2021 TP/035 based on The Microbiology of Drinking Water, Part 4D:2016 TP/003 based on The Microbiology of Drinking Water, Part 5:2012 TP/001 pour plate based on The Microbiology of Drinking Water, Part 7:2020
END		