


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Northern Hygiene Laboratories Ltd</h3> <p>Issue No: 032 Issue date: 17 March 2017</p>	
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<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><i>Clostridium perfringens</i></p> <p>Enterobacteriaceae, confirmed</p> <p>Detection:</p> <p><i>Salmonella</i> spp (including identification to group level)</p>	<p>TP/015A based on BS EN ISO 7937:2004, In accordance with The Animal By-Products (Enforcement) (England) Regulations (ABPR)2013, with reference to EC 1069/2009 as implemented by EU 142/2011</p> <p>TP/009A based on BS ISO 21528-2:2004. In accordance with The Animal By-Products (Enforcement) (England) Regulations (ABPR)2013, with reference to EC 1069/2009 as implemented by EU 142/2011</p> <p>TP/018A based on BS EN ISO 6579:2002+A1:2007, Confirmation using Biomerieux API20E and serology. Identification to group level by serology. In accordance with The Animal By-Products (Enforcement) (England) Regulations (ABPR)2013, with reference to EC 1069/2009 as implemented by EU 142/2011</p>



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ENVIRONMENTAL SAMPLES	<u>Microbiological Tests</u>	Documented In-House Methods:
Boot swabs, Chick box liners, Litters, Faeces, Dead chicks, Dust & Meconium	Detection: <i>Salmonella</i> spp (including identification to group level)	TP/018D based on BS EN ISO 6579:2002+A1:2007 (annex D), Confirmation using Biomerieux API20E and serology. . Identification to group level by serology. In accordance with Control of Salmonella in Poultry Order (CSPO) 2007
Boot swabs	<i>Salmonella</i> spp. (including identification to group level)	TP/018E based on BS EN ISO 6579:2002+A1:2007 (annex D), Confirmation using Biomerieux API20E and serology. . Identification to group level by serology. In accordance with Control of Salmonella in Broiler Flocks Order (CSBO) 2009
Boot swabs, Chick box liners, Litters, Dead chicks, Dust & Meconium.	<i>Salmonella</i> spp. (including identification to group level)	TP/018 based on BS EN ISO 6579:2002 + A1:2007, 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 (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
Swabs from Food Premises	Enumeration: Coliforms, presumptive <i>Escherichia coli</i> , Beta-Glucuronidase-Positive	TP/007 using VRB Agar layer plate at 37 °C TP/016 based on BS ISO 16649-2:2001



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ENVIRONMENTAL SAMPLES (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:
Swabs from Food Premises (cont'd)	Enumeration: (cont'd)	
	Enterobacteriaceae, presumptive	TP/009 using VRBG Agar layer plate at 37 °C
	<i>Listeria monocytogenes</i> and <i>Listeria spp</i> , confirmed	TP/017 based on BS EN ISO 11290-2:1998 + A1:2004, confirmation using Microgen biochemical profile
	<i>Pseudomonas spp</i> , presumptive	TP/014A based on ISO 13720:2010 using CFC selective agar at 25°C
	Total aerobic colony count at 30 °C	TP/006 by PCA spread plate combined with a modified Miles and Misra count
	Yeasts	TP/008 using RBCA spread plate at 22-25 °C
	Detection:	
	<i>Listeria monocytogenes</i> and <i>Listeria spp</i> , confirmed	(1) TP/017 based on BS EN ISO 11290-1:1997 + A1:2004, with confirmation using Microgen biochemical profile
		(2) TP/029 using Solus Scientific ELISA kit, with confirmation using Microgen biochemical profile
	<i>Salmonella spp.</i> confirmed (including identification to group level)	(1) TP/018 based on BS EN ISO 6579:2002 + A1:2007, 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



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FOOD and FOOD PRODUCTS Unspecified	<u>Microbiological Tests</u> Enumeration: <i>Bacillus cereus</i> , presumptive <i>Clostridium perfringens</i> , presumptive Coliforms, presumptive Enterobacteriaceae, presumptive <i>Escherichia coli</i> , confirmed <i>Escherichia coli</i> , βeta-Glucuronidase-Positive Faecal streptococci, presumptive Lactic acid bacteria, presumptive <i>Listeria monocytogenes and Listeria spp</i> , confirmed <i>Pseudomonas spp</i> , presumptive <i>Pseudomonas spp</i> , presumptive <i>Staphylococcus aureus</i> , confirmed	Documented In-House Methods: TP/027 based on BS EN ISO 7932:2004 TP/015 based on BS EN ISO 7937:2004 TP/007 using VRB Agar layer plate at 37 °C TP/009 using VRBG Agar layer plate at 37 °C TP/010 using Tryptone Bile Agar at 44 °C with optional resuscitation step TP/016 based on BS ISO 16649-2:2001 TP/013 using KAA Agar spread plate TP/011 based on BS ISO 15214:1998 TP/017 based on BS EN ISO 11290-2:1998+A1:2004, with confirmation using Microgen biochemical profile TP/014 using CFC selective agar at 30 °C TP/014A based on ISO 13720:2010 using CFC selective agar at 25°C TP/012 using Baird-Parker Agar at 37 °C and confirmation using Staphytest plus



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FOOD and FOOD PRODUCTS (cont'd) Unspecified (cont'd)	<u>Microbiological Tests</u> (cont'd) Enumeration: (cont'd) Total aerobic colony count at 30 °C Yeasts and moulds Detection: <i>Campylobacter spp.</i> , confirmed <i>Listeria monocytogenes</i> and <i>Listeria spp.</i> , confirmed <i>Salmonella spp.</i> , confirmed Identified to group level by serology	Documented In-House Methods: (1) TP/005 based on BS EN ISO 4833-1:2013 (2) TP/006 by PCA spread plate combined with a modified Miles and Misra count TP/008 using RBCA spread plate at 22-25 °C Documented In-House Methods: TP/028 using Bolton selective enrichment and sub-culture to CCDA (1) TP/017 based on BS EN ISO 11290-1:1997 + A1:2004, 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 6579:2002 + A1:2007 with confirmation using Confirmation using Biomerieux API20E and serology (2) TP/025 using Solus Scientific ELISA kit with confirmation using Biomerieux API20E and serology



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BODY FLUIDS/TISSUE Human stool	<u>Microbiological Tests</u> Detection: <i>Campylobacter spp.</i> , confirmed <i>Salmonella spp.</i> and <i>Shigella spp.</i> , confirmed	Documented In-House Methods: TP/021 by isolation on selective agar TP/020 by isolation on selective agar
WATERS Potable and Processed	<u>Microbiological Tests</u> Enumeration: <i>Clostridium perfringens</i> , presumptive Coliforms and <i>Escherichia coli</i> Enterococci 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, Environment Agency, Part 6, 2009 TP/035 based on The Microbiology of Drinking Water, Part 4D:2009 Environment Agency TP/003 based on The Microbiology of Drinking Water, Part 5:2012 Environment Agency TP/001 pour plate based on The Microbiology of Drinking Water, Part 7:2012, Environment Agency
END		