


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Northern Hygiene Laboratories Ltd</h3> <p>Issue No: 021 Issue date: 31 January 2012</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>TP/015A based on BS EN ISO 7937:2004, In accordance with The Animal By-Products (Enforcement) (England) Regulations (ABPR) 2011 as implemented by EU 142/2011</p> <p>TP/009A using VRBG agar layer plate at 37°C. In accordance with The Animal By-Products (Enforcement) (England) Regulations (ABPR) 2011 as implemented by EU 142/2011</p>
ENVIRONMENTAL SAMPLES	<p><u>Microbiological Tests</u></p> <p>Enumeration:</p> <p>Coliforms, presumptive</p> <p><i>Escherichia coli</i>, βeta-Glucuronidase-Positive</p> <p><i>Enterobacteriaceae</i>, presumptive</p>	<p>Documented In-House Methods:</p> <p>TP/007 using VRB Agar layer plate at 37 °C</p> <p>TP/016 based on BS ISO 16649-2:2001</p> <p>TP/009 using VRBG Agar layer plate at 37 °C</p>
Swabs from Food Premises		



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ENVIRONMENTAL SAMPLES (cont'd) Swabs from Food Premises (cont'd)	<u>Microbiological Tests</u> (cont'd) Enumeration: (cont'd) <i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed Total aerobic colony count at 30 °C Yeasts Detection: <i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed <i>Salmonella</i> , confirmed	Documented In-House Methods: TP/017 based on BS EN ISO 11290-2:1998 + A1:2004, confirmation using Microgen biochemical profile TP/006 by spread plate combined with a modified Miles and Misra count TP/008 using RBCA spread plate at 22-25 °C (1) TP/017 based on BS EN ISO 11290-1:1997 + A1:2004, with confirmation using Microgen biochemical profile (2) TP/029 using RayAI ELISA kit, with confirmation using Microgen biochemical profile (1) TP/018 based on BS EN ISO 6579:2002 + A1:2007, with confirmation using Biomerieux API biochemical profile (2) TP/025 using RayAI ELISA kit with confirmation using Biomerieux API biochemical profile
FOOD and FOOD PRODUCTS Meat and Meat Products; Fish and Fish Products	<u>Chemical Tests</u> Ash Carbohydrate by difference Fat Moisture	Documented In-House Methods: CH/003 using muffle furnace at 550 °C CH/005 documented calculation CH/002 using Soxhlet extraction CH/004 by oven drying at 103 °C



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u>	Documented In-House Methods:
Meat and Meat Products; Fish and Fish Products (cont'd)	Nitrogen	CH/001 using Kjeldahl digestion and Vapodest distillation system
	Meat/Fish content and energy values	CH/005 by Stubbs and Moore calculation
	<u>Microbiological Tests</u>	Documented In-House Methods:
Unspecified	Enumeration:	
	<i>Bacillus cereus</i> , presumptive	TP/027 based on BS EN ISO 7932:2004
	<i>Clostridium perfringens</i> , presumptive	TP/015 based on BS EN ISO 7937:2004
	Coliforms, presumptive	TP/007 using VRB Agar layer plate at 37 °C
	<i>Enterobacteriaceae</i> , presumptive	TP/009 using VRBG Agar layer plate at 37 °C
	<i>Escherichia coli</i> , confirmed	TP/010 using Tryptone Bile Agar at 44 °C with optional resuscitation step
	<i>Escherichia coli</i> , β -Glucuronidase-Positive	TP/016 based on BS ISO 16649-2:2001
	Faecal streptococci, presumptive	TP/013 using KAA Agar spread plate
	Lactic acid bacteria, presumptive	TP/011 based on BS ISO 15214:1998
	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed	TP/017 based on BS EN ISO 11290-2:1998+A1:2004, with confirmation using Microgen biochemical profile
	<i>Pseudomonas</i> spp, presumptive	TP/014 using selective agar at 30 °C



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FOOD and FOOD PRODUCTS (cont'd) Unspecified (cont'd)	<u>Microbiological Tests</u> (cont'd) Enumeration: (cont'd) <i>Staphylococcus aureus</i> , confirmed Total aerobic colony count at 30 °C Yeasts and moulds Detection: <i>Campylobacter</i> , confirmed <i>Listeria monocytogenes</i> and <i>Listeria</i> spp, confirmed <i>Salmonella</i> , confirmed	Documented In-House Methods: TP/012 using Baird-Parker Agar at 37 °C and confirmation using Staphytect plus (1) TP/005 by pour plate (2) TP/006 by 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 selective enrichment culture (1) TP/017 based on BS EN ISO 11290-1:1997 + A1:2004, with confirmation using Microgen biochemical profile (2) TP/029 using Rayal ELISA with confirmation using Microgen biochemical profile (1) TP/018 based on BS EN ISO 6579:2002 + A1:2007 with confirmation using Biomerieux API biochemical profile (2) TP/025 using Rayal ELISA with confirmation using Biomerieux API biochemical profile
BODY FLUIDS/TISSUE Human stool	<u>Microbiological Tests</u> Detection: <i>Campylobacter</i> , confirmed	Documented In-House Methods: TP/021 by isolation on selective agar



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BODY FLUIDS/TISSUE Human stool (cont'd)	<u>Microbiological Tests</u> (cont'd) Detection: (cont'd) <i>Salmonella</i> and <i>Shigella</i> , confirmed	Documented In-House Methods: 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 using IDEXX Quantitray method TP/003 based on The Microbiology of Drinking Water, Part 5:2010 Environment Agency TP/001 pour plate based on The Microbiology of Drinking Water, Part 7:2007, Environment Agency
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