


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2005	ITS Testing Services (UK) Ltd Trading as Intertek Food (UK)	
	Issue No: 039	Issue date: 17 February 2016
	The Old Mill Oxford Road Stoke-on-Trent ST6 6QP	Contact: Mr John Searle Tel: +44 (0)1782 822355 Fax: +44 (0)1782 818515 E-Mail: Stoke.quality@intertek.com Website: www.intertek.com
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address The Old Mill Oxford Road Stoke-on-Trent ST6 6QP	Local contact John Searle Tel +44(0)1782 822355	Food and Food Products – Chemistry and Microbiology A
Address Unit 7/7A Sawley Park Nottingham Road Derby DE21 6AS	Local contact Yvonne Wood Tel +44(0)1773 351300 Mobile: 07500 606865	Food and Food Products - Microbiology B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS	<u>Chemical analysis:</u>	Documented In House Methods	
	Quantitative determination of food allergens	Flexible scope allowing the use of Sandwich ELISA Assay by Automated Dynex DSX and commercial ELISA kits according to Review Procedure 4 and Chemistry Method 021.	A
	Quantitative Determination of Allergens: Egg, Gluten, Peanut and Soya	C021 using commercial Sandwich ELISA kits (Agraquant and Ridascreen Gliadin) with Automated Dynex DSX analyser	A
	Ash	C001 based on BS 4401:Part 1:1998; ISO 936:1998 using a muffle furnace	A
	Total ash in food	C019 by microwave furnace	A
	Chloride (expressed as NaCl)	C002 using a chloride method	A
	Dietary Fibre	C023 by AOAC method 991.43 by automated dietary fibre analyser	A
	Fat	C009 using Smart Trac NMR Analyser	A
	Fatty Acid profile	C004 by GC	A
Moisture	C020 using Smart Trac II Microwave Analyser	A	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS (cont'd)	<u>Chemical analysis:</u> (cont'd)	Documented In House Methods (cont'd)	
	Nitrogen/crude protein	C005 by Dumas method using Total Nitrogen Analyser	A
	Potassium	C017 using Flame Photometry	A
	Sodium	C006 using Flame Photometry	A
	Total Sugars and Individual Sugars: Galactose, Glucose, Fructose, Lactose, Sucrose and Maltose	C007 by Ion Chromatography	A
	Total sulphite preservative as sulphur dioxide	C022 by steam distillation and automated titration	A
	Hydroxyproline	C012 by hydrolysis, derivatisation and spectrophotometry, based on ISO 3496:1994	A
	Water Activity (Aw)	C015 using Decagon Aqualab Aw meter	A
	Calculated Values : total and available carbohydrate, energy, apparent meat content (Stubbs and Moore procedure), meat content (CLITRAVI procedure), apparent fish content (Stubbs and Moore procedure), added water and salt	C016 based on the Food Labelling Regulations 1996 as amended, The Food Labelling (Nutrition Information) (England) Regulations and the Meat Products Regulations 2003	A
pH	C014 based on BS 4401:Part 9:1975 and BS 770:Part 5:1976	A	



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FOODS AND FOOD PRODUCTS (excluding high sugar products)	Moisture	C011 based on BS 4401:Part 3:1997, ISO 1442:1997 using air oven drying	A
MEAT and MEAT PRODUCTS	Meat speciation (raw and cooked meats) for Beef, Lamb, Pork and Poultry	C018 using Biokits commercial Sandwich ELISA kit with Automated Dynex DSX Analyser	A
	Nitrate/Nitrite	C008 by Ion Chromatography	A
ANIMAL BY-PRODUCTS	<u>Microbiological Analysis</u>		
	Enumeration of Enterobacteriaceae (confirmed)	M009 based on BS ISO 21528-2:2004 for the purpose of the Animal By-Products (Enforcement) England Regulations 2013 following Commission Regulation (EU) No. 142/2011, implementing Regulation (EC) No. 1069/2009	A, B
	Detection of <i>Salmonella</i> spp	M060 based on ISO 6579:2002 + A1:2007 for the purpose of the Animal By-Products (Enforcement) (England) Regulations 2013 following Commission Regulation (EU) No. 142/2011, implementing Regulation (EC) No. 1069/2009	A, B



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ENVIRONMENTAL AIR PLATES	<u>Microbiological analysis:</u> Enumeration of aerobic colony count	Documented In House Methods M001 based on colony count technique using Plate Count Agar at 30°C for 48 hours	A, B
	Enumeration of yeast and moulds	M022 based on BS ISO 21527-1:2008	A, B
ENVIRONMENTAL SWABS	<u>Microbiological analysis:</u> Enumeration of: Aerobic colony count	Documented In House Methods 1) M001 based on colony count technique using Plate Count Agar at 30°C for 48 hours 2) M002 based on customer specified method	A, B A, B
	Coliforms (presumptive and confirmed)	1) M005 based on BS ISO 4832:2006 2) M006 based on customer specified method	A, B A, B
	Enterobacteriaceae (presumptive and confirmed)	M009 based on BS ISO 21528-2:2004	A, B
	Enterobacteriaceae (presumptive)	M010 based on customer specified method	A, B
	<i>Escherichia coli</i> (B-glucuronidase positive)	M011 based on BS ISO 16649-2:2001 using TBX, pour plate	A, B



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ENVIRONMENTAL SWABS (cont'd)	<p><u>Microbiological analysis:</u> (cont'd)</p> <p>Enumeration of: (cont'd)</p> <p><i>Escherichia coli</i> (B-glucuronidase positive, presumptive)</p> <p><i>Listeria monocytogenes</i> and <i>Listeria species</i></p> <p>Coagulase positive Staphylococci including <i>Staphylococcus aureus</i></p> <p>Yeasts and moulds</p>	<p>Documented In House Methods (cont'd)</p> <p>M012 based on customer specified method using TBX, spread plate with membrane</p> <p>M031, based on ISO 11290-2:1998/Amd 1:2004</p> <p>1) M013 based on ISO 6888-1:1999</p> <p>2) M014 based on customer specified method</p> <p>1) M022 based on BS ISO 21527-1:2008</p> <p>2) M023 based on customer specified method using DRBCA</p> <p>3) M055 based on customer specified method using OGYE</p>	<p>A, B</p> <p>A, B</p> <p>A, B</p> <p>A, B</p> <p>A, B</p> <p>A, B</p> <p>A</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological analysis:</u> (cont'd) Detection of: <i>Listeria monocytogenes and Listeria species</i> <i>Salmonella species</i> <u>Molecular Biology Tests</u> <i>E.coli</i> O157:H7 DNA	Documented In House Methods (cont'd) 1) M033, based on ISO 11290-1:1996/Amd 1:2004 2) M034 based on customer specified method 3) M035, in-house method using Solus Listeria ELISA, with RELM secondary enrichment broth 1) M039 based on BPW with single selective enrichment using RVS broth and plating onto XLD and BGA 2) M040 based on customer specified method 3) M041, in-house method using Solus Salmonella OPTIMA ELISA M059 by real-time PCR using the Assurance Genetic Detection System (GDS), following primary enrichment in modified EHEC broth and magnetic immune-concentration.	 A, B A, B A, B A, B A, B A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD AND FOOD PRODUCTS	<u>Microbiological analysis:</u>	Documented In House Methods	
	Enumeration of:		
	Aerobic colony count	1) M001 based on colony count technique using Plate Count Agar at 30°C for 48 hours	A, B
		2) M002 based on customer specified method	A, B
	Aerobic spores	M030 based on customer specified method	A, B
	Anaerobic colony count	M028 based on customer specified method	A, B
	Anaerobic spores	M029 based on customer specified method	A, B
	<i>Bacillus cereus</i> (presumptive and confirmed)	1) M015 based on Practical Food Microbiology, Edition 3:2003, method 6.2 using PEMBA at 37 °C/24 hrs followed by room temperature for 24hrs. Confirmation using lipid spore stain.	A, B
	2) M016 based on customer specified method	A, B	
<i>Clostridium perfringens</i> (presumptive and confirmed)	1) M018 based on BS ISO 7937:2004	A, B	
	2) M019 based on customer specified method	A, B	



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Microbiological analysis</u> (cont'd):	Documented In House Methods (cont'd)	
	Enumeration of: (cont'd)		
	Sulphite Reducing Clostridia (presumptive)	M017 based on BS ISO 7937:2004	A, B
	Coliforms (presumptive and confirmed)	1) M005 based on BS ISO 4832:2006	A, B
		2) M006 based on customer specified method	A, B
	Enterobacteriaceae (presumptive and confirmed)	M009 based on BS ISO 21528-2:2004	A, B
	Enterobacteriaceae (presumptive)	M010 based on customer specified method	A, B
	<i>Escherichia coli</i> (B-glucuronidase positive)	M011 based on BS ISO 16649-2:2001 using TBX, pour plate	A, B
	<i>Escherichia coli</i> (B-glucuronidase positive, presumptive)	M012 based on customer specified method using TBX, spread plate with membrane	A, B
	Lactic acid bacteria	1) M024 based on BS ISO 15214:1998	A, B
2) M025 based on customer specified method		A, B	
<i>Listeria monocytogenes</i> and <i>Listeria</i> species	M031, based on ISO 11290-2:1998/Amd 1:2004	A, B	
<i>Pseudomonas</i> spp at 25°C (presumptive)	1) M020 based on ISO 13720:2010	A, B	
	2) M021 based on customer specified method	A, B	



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Microbiological analysis</u> (cont'd):	Documented In House Methods (cont'd)	
	Enumeration of: (cont'd)		
	Coagulase positive Staphylococci including <i>Staphylococcus aureus</i>	1) M013 based on ISO 6888-1:1999 and A1:2003	A, B
		2) M014 based on customer specified method	A, B
	Faecal Streptococci (presumptive and confirmed)	M026 based on BS 4285-3.11:1985	A, B
	Faecal Streptococci (presumptive)	M027 based on customer specified method	A
	Yeasts and moulds (in foods with Aw > 0.95)	1) M022 based on BS ISO 21527-1:2008	A, B
		2) M023 based on customer specified method using DRBCA	A, B
	Yeasts and moulds (in foods with Aw > 0.95)	3) M055 based on customer specified method using OGYE	A
	Detection of:		
	<i>Campylobacter</i> species	M038, based on ISO 10272-1:2006 using selective enrichment and plating onto two isolation agars (CCDA and Preston)	A, B
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species	1) M033, based on ISO 11290-1:1996/Amd 1:2004	A, B
		2) M034 based on customer specified method	A, B
	3) M035, in-house method using Solus Listeria ELISA, with RELM secondary enrichment broth	A, B	



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Microbiological analysis</u> (cont'd): Detection of: <i>Salmonella</i> species	Documented In House Methods (cont'd) 1) M039 based on BPW with single selective enrichment using RVS broth and plating onto XLD and BGA 2) M040 based on customer specified method 3) M041, in-house method using Solus Salmonella OPTIMA ELISA	A, B A, B A, B
DAIRY PRODUCTS	<i>Vibrio parahaemolyticus</i> and <i>Vibrio</i> species <u>Microbiological analysis:</u> Enumeration of: Aerobic colony count	M052 based on ISO 21872-1:2007 Documented In House Methods	A, B
	Coliforms (presumptive and confirmed)	1) M003 based on ISO 4833, Part 1:2013 by colony count technique using MPCA at 30 °C for 72 hrs 2) M004 based on customer specified method 1) M007 based on BS ISO 4832:2006 2) M008 based on customer specified method	A, B A, B A, B A, B



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RAW AND COOKED MEATS AND DAIRY PRODUCTS	<u>Molecular Biology Tests</u> Detection of: <i>E.coli</i> O157:H7 DNA	Documented In-House Methods M059 by real-time PCR using the Assurance Genetic Detection System (GDS), following primary enrichment in modified EHEC broth and magnetic immuno-concentration on single or pooled (maximum of 10) samples.	A
POTABLE WATER including piped water supplies, PROCESS WATER, COOLING TOWER WATER	<u>Microbiological analysis:</u> Enumeration of: Aerobic colony count at 22 °C Aerobic colony count at 37 °C	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated M042, pour plate, based on MDW Part 7, 2012 M043, pour plate, based on MDW Part 7, 2012	A A



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POTABLE WATER including piped water supplies, PROCESS WATER, COOLING TOWER WATER (cont'd)	<u>Microbiological analysis:</u> (cont'd)	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated	A	
	Enumeration of: (cont'd)			
	Total coliforms/ <i>E coli</i>			1) M044 based on MDW Part 4, 2009 using membrane filtration and membrane lactose glucuronide agar
				2) M045 based on MDW Part 4, 2009 using Colilert
	Sulphite Reducing Clostridia (total)			M046 based on MDW Part 6, 2010, by membrane filtration
	<i>Pseudomonas aeruginosa</i>			M047 based on MDW Part 8, 2010 using membrane filtration
	Enterococci (Faecal Streptococci)	M048 based on MDW Part 5, 2012, using membrane filtration	A	
POTABLE WATER including piped water supplies, PROCESS WATERS, COOLING TOWER WATERS	Detection and Enumeration of: <i>Legionella</i> species, <i>Legionella pneumophila</i> serogroup 1 or serogroup 2-15 and presumptive <i>Legionella</i> spp	W001 based on ISO 11731:1998	A	
END				