

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4065 Accredited to ISO/IEC 17025:2017	ITS Testing Services (UK) Ltd Trading as Intertek Food (UK)	
	Issue No: 056 Issue date: 29 September 2020	
The Old Mill Oxford Road Stoke-on-Trent ST6 6QP	Contact: Samantha Wood Tel: +44 01782 822355 E-Mail: samantha.wood@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 Samantha Wood Tel +44(0)1782 822355	Food and Food Products – Chemistry and Microbiology Water 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, FOOD PRODUCTS AND ENVIRONMENTAL SWABS	<u>Chemical analysis:</u>	Documented In House Methods	
	Quantitative determination of food allergens	Flexible scope management procedure CSM20 allowing the use of Sandwich ELISA Assay by Automated Dynex DSX and commercial ELISA kits following procedures C024 and C021	A
FOODS AND FOOD PRODUCTS	Quantitative Determination of Allergens:	C021 using Agraquant ELISA kit with Automated Dynex DSX analyser	A
	BLG		
	Casein		
	Egg		
	Gluten		
	Milk		
	Peanut		
	Soya		
	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	
Metals: Calcium, Copper, Iron, Potassium Magnesium, Manganese, Sodium Phosphorous, Zinc	C026 using ICP-OES	A	
Moisture	C020 using Smart Trac II Microwave Analyser	A	



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FOODS AND FOOD PRODUCTS (Cont'd)	<u>Chemical analysis:</u> (Cont'd)	Documented In House Methods	
	Nitrogen/crude protein	C005 by Dumas method using Total Nitrogen Analyser	A
	Sodium	C006 using Flame Photometry	A
	Total Sugars and Individual : 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
FOODS AND FOOD PRODUCTS (excluding high sugar products)	pH	C014 based on BS 4401:Part 9:1975 and BS 770:Part 5:1976	A
	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



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FOODS AND FOOD PRODUCTS (cont'd)	<u>Chemical analysis:</u> (cont'd)	Documented In House Methods	
	Nitrate/Nitrite	C008 by Ion Chromatography	A
ANIMAL BY PRODUCTS	<u>Microbiological analysis</u>		
	Enumeration of Enterobacteriaceae (confirmed)	M009 based on BS ISO 21528-2:2017 for the purpose of the Animal By-Products (Enforcement) England Regulations [ABPR] 2013 following Commission Regulation (EU) No. 142/2011, implementing Regulation (EC) No. 1069/2009	A
	Detection of <i>Salmonella</i> spp	M060 based on BS EN ISO 6579-1:2017 + A1:2020 for the purpose of the Animal By-Products (Enforcement) (England) Regulations [ABPR] 2013 following Commission Regulation (EU) No. 142/2011, implementing Regulation (EC) No. 1069/2009	A, B
ENVIRONMENTAL AIR PLATES	Enumeration of aerobic colony count	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	Enumeration of:		
	Aerobic colony count	M001 based on colony count technique using Plate Count Agar at 30°C for 48 hours	A, B
	Coliforms (presumptive and confirmed)	M005 based on BS ISO 4832:2006	A, B
	Enterobacteriaceae (presumptive and confirmed)	M009 based on BS ISO 21528-2:2017	A, B



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ENVIRONMENTAL SWABS (Cont'd)	<u>Microbiological analysis:</u> (Cont'd)	Documented In House Methods			
	Enumeration of: (Cont'd)				
	<i>Escherichia coli</i> (β -glucuronidase positive)			M011 based on BS ISO 16649-2:2001 using TBX, pour plate	A, B
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species			M031 based on BS EN ISO 11290-2:2017, confirmation and identification with Microgen Listeria-ID	A, B
	Coagulase positive Staphylococci			M014 based on ISO 6888-1:1999 + A2:2018	A, B
	Yeasts and moulds			1) M022 based on BS ISO 21527-1:2008	A, B
				2) M055 based on customer specified method using OGYE	A
	<i>Campylobacter</i> species			M062 In house method using CCDA	B
	Detection of:				
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species			1) M034 based on BS EN ISO 11290-1:2017, confirmation and identification with Microgen Listeria-ID	A, B
	2) M035, in-house method using Solus Listeria ELISA, with RELM secondary enrichment broth	A, B			
<i>Salmonella</i> species	1) M040 based on BS EN ISO 6579-1:2017 + A1:2020, confirmation using Biomerieux API 20E and serology	A, B			
	2) M041, in-house method using Solus Salmonella ELISA	A, B			



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ENVIRONMENTAL SWABS (Cont'd)	<u>Molecular Biology Tests</u> <i>E. coli</i> O157:H7 DNA (presumptive)	M059 by real-time PCR using the Assurance Genetic Detection System (GDS), following primary enrichment in modified EHEC broth and magnetic immune-concentration.	A
FOOD AND FOOD PRODUCTS	<u>Microbiological analysis:</u> Enumeration of:	Documented In House Methods	
	Aerobic colony count	M001 based on colony count technique using Plate Count Agar at 30°C for 48 hours	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)	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
	<i>Clostridium perfringens</i> (presumptive and confirmed)	M018 based on BS ISO 7937:2004	A, B
	Sulphite Reducing Clostridia (presumptive)	M017 based on BS ISO 7937:2004	A, B
	Coliforms (presumptive and confirmed)	M005 based on BS ISO 4832:2006	A, B
Enterobacteriaceae (presumptive and confirmed)	M009 based on BS ISO 21528-2:2017	A, B	



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Microbiological analysis (cont'd):</u>	Documented In House Methods	
	Enumeration of: (cont'd)		
	<i>Escherichia coli</i> (β -glucuronidase positive)	M011 based on BS ISO 16649-2:2001 using TBX, pour plate	A, B
	Lactic acid bacteria	M024 based on BS ISO 15214:1998	A, B
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species	M031 based on BS EN ISO 11290-2:2017, confirmation and identification with Microgen Listeria-ID	A, B
	<i>Pseudomonas</i> spp at 25°C (presumptive)	M020 based on ISO 13720:2010	A, B
	Coagulase positive Staphylococci	M014 based on, ISO 6888-1:1999 + A2:2018	A, B
	Faecal Streptococci (presumptive and confirmed)	M026 based on BS 4285-3.11:1985	A, B
	<i>Campylobacter</i> species	M062 In house method using CCDA	B
	Yeasts and moulds (in foods with $A_w > 0.95$)	M022 based on BS ISO 21527-1:2008	A, B
FOOD AND FOOD PRODUCTS	Yeasts and moulds (in foods with $A_w > 0.95$)	M055 based on customer specified method using OGYE	A
	Detection of: <i>Campylobacter</i> species	M038 In house method using selective enrichment and plating onto two isolation agars (CCDA and Preston)	A, B



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FOOD AND FOOD PRODUCTS (Cont'd)	<u>Microbiological analysis:</u> (Cont'd)		
	Detection of: (Cont'd)		
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species	1) M034 based on BS EN ISO 11290-1:2017, confirmation and identification with Microgen Listeria-ID	A, B
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species	2) M035, in-house method using Solus Listeria ELISA, with RELM secondary enrichment broth	A, B
	<i>Salmonella</i> species	1) M040 based on BS EN ISO 6579-1:2017 + A1:2020 confirmation using Biomerieux API 20E and serology	A, B
	<i>Salmonella</i> species	2) M041, in-house method using Solus Salmonella ELISA	A, B
	<i>Vibrio parahaemolyticus</i> and <i>Vibrio</i> species	M052 based on BS EN ISO 21872-1:2017 Confirmation by API20E	A, B
RAW POULTRY	<i>Campylobacter</i> species	M062 In house method using CCDA	A
DAIRY PRODUCTS	<u>Microbiological analysis:</u>	Documented In House Methods	
	Enumeration of:		
	Aerobic colony count	M003 based on ISO 4833, Part 1:2013 by colony count technique using MPCA at 30 °C for 72 hrs	A, B
	Coliforms (presumptive and confirmed)	M007 based on BS ISO 4832:2006	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 (presumptive)	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
RAW MEAT AND LEAFY VEGETABLES	Shiga toxin producing <i>E. coli</i> (STEC) DNA	In house method M063 by real-time PCR using the Assurance Genetic Detection System MPX Top 7 kit (GDS), following primary enrichment in mEHEC Broth and magnetic immune-concentration for target genes stx1, stx2 and eae	A
FOOD AND FOOD PRODUCTS, ENVIRONMENTAL SWABS	<i>Salmonella</i> species DNA	In house method M064 by real-time PCR using the Assurance Genetic Detection System (GDS), following primary enrichment in buffered peptone water and magnetic immuno- concentration. Confirmation following method M040	A
POTABLE WATER including piped water supplies, PROCESS WATER, COOLING TOWER WATER	<u>Microbiological analysis:</u> Enumeration of:	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated	
Including bottled water	Aerobic colony count at 22 °C	M042, pour plate, based on MDW Part 7, 2012	A



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POTABLE WATER including piped water supplies, PROCESS WATER, COOLING TOWER WATER	<u>Microbiological analysis:</u>	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated			
	<u>Enumeration of (cont'd)</u>				
	Including bottled water Aerobic colony count at 37 °C			M043, pour plate, based on MDW Part 7, 2012	A
	Including bottled water Total coliforms/ <i>E. coli</i>			M044 based on MDW Part 4, 2016 using membrane filtration and membrane lactose glucuronide agar	A
	 Sulphite Reducing Clostridia (total)			M046 based on MDW Part 6, 2015, by membrane filtration	A
	Including bottled water <i>Pseudomonas aeruginosa</i>			M047 based on MDW Part 8, 2015 using membrane filtration	A
	Including bottled water Enterococci (Faecal Streptococci)			M048 based on MDW Part 5, 2012, using membrane filtration	A
RECREATIONAL WATER Including Swimming Pools, and Natural Bathing Waters	<u>Microbiological analysis: (cont'd)</u>	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated			
	<u>Enumeration of:</u>				
	Aerobic colony count at 22 °C			M042, pour plate, based on MDW Part 7, 2012	A
	Aerobic colony count at 37 °C			M043, pour plate, based on MDW Part 7, 2012	A
	Total coliforms/ <i>E. coli</i>	M044 based on MDW Part 4, 2016 using membrane filtration and membrane lactose glucuronide agar	A		



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RECREATIONAL WATER Including Swimming Pools, and Natural Bathing Waters	<u>Microbiological analysis:</u> (cont'd) Enumeration of: <i>Pseudomonas aeruginosa</i>	Documented In House Methods based on Microbiology of Drinking Water (MDW), Environmental Agency, unless otherwise stated M047 based on MDW Part 8, 2015 using membrane filtration	A
	Enterococci (Faecal Streptococci)	M048 based on MDW Part 5, 2012, using membrane filtration	A
POTABLE WATER including piped water supplies, PROCESS WATER, COOLING TOWER WATER	Detection and Enumeration of: <i>Legionella</i> species, <i>Legionella pneumophila</i> serogroup 1 or serogroup 2-15 and <i>Legionella</i> spp	W001 based on ISO 11731:1998 (Withdrawn)	A
END			