

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



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Accredited to  
ISO/IEC 17025:2017

### Government Analysts Laboratory

Issue No: 032 Issue date: 01 October 2019

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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ALCOHOLIC BEVERAGES	<u>Chemical Tests</u>  Alcoholic strength	Documented In-House Methods based on British and International Standards  Documented In-House Method No 048 based on BS 733:Part 2:1987 and ISO 3507:1999 using density, obscuration
DAIRY PRODUCTS	<u>Chemical Tests</u>	Documented In-House Methods based on British Standards
Cheese	Fat	Documented In-House Method No 005 based on ISO 1735:2004 using Acid hydrolysis/solvent extraction/gravimetric weighing
	Nitrogen	Documented In-House Method No 004 based on BS 770:Part 8:1987 using Kjeldahl digestion
Cream	Fat	Documented In-House Method No 002 based on IDF 16C:2008/BS EN ISO 2450:2008 using Alkaline hydrolysis/solvent extraction/gravimetric weighing
	Total Solids	Documented In-House Method No 001 based on BS ISO 6731:2010 IDF 21:2010 using Oven drying followed by gravimetric weighing



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DAIRY PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on British Standards
Ice Cream	Fat	Documented In-House Method No 003 based on BS EN ISO 7328:2008 using Alkaline hydrolysis/solvent extraction/gravimetric weighing
	Total Solids	Documented In-House Method No 006 based on BS ISO 3728:2004 using Oven drying followed by gravimetric weighing
Milk	Acidity	Documented In-House Method No 020 based on BS 1741:Section 10.1:1989 using Titration
	Freezing Point Depression	Documented In-House Method No 019 based on ISO 5764:2009 [IDF 108:2009] using Cryoscope
	Antibiotics	Documented In-House Method No 016 based on Technical data sheet, Delvotest SP™ Gist-Brocades NV using Colorimetric bacteria inhibition
	Fat	Documented In-House Method No 010 based on IDF 1D:1996 using Alkaline hydrolysis/solvent extraction/gravimetric weighing
	Phosphatase	Documented In-House Method No M10 based on SI 1989/2383 Schedule 5, Part IV using Colorimetry
	Total Solids	Documented In-House Method No 009 based on BS ISO 6731:2010 and IDF 21B:1987 using Oven drying followed by gravimetric weighing



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MEAT AND MEAT PRODUCTS	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on British Standards
	Ash	Documented In-House Method No 012 based on BS 4401-1:1998 using ashing followed by gravimetric weighing
	Fat	Documented In-House Method No 014 based on BS 4401:Part 4:1970 using Acid hydrolysis/solvent extraction/ gravimetric weighing
	Hydroxyproline	Documented In-House Method No 081 based on BS 4401-11:1995 using microwave digestion followed by UV-visible spectrophotometry
	Moisture	Documented In-House Method No 013 based on BS 4401-3:1997 using Oven drying followed by gravimetric weighing
	Nitrogen	Documented In-House Method No 015 based on BS 4401:Part 2:1980 using Kjeldahl digestion, copper catalyst
SHELLFISH	<u>Chemical Tests</u>	
King and Queen scallops	Amnesic Shellfish Poisoning Toxin - Domoic Acid	Documented In-House Method No 197 using LC/MS/MS
	Diarrhetic Shellfish Poisoning Toxins: Okadaic acid Azaspiracid-1 (AZA 1) Dinophysis toxin-1 (DTX-1) Dinophysis toxin-2 (DTX-2)	Documented In-House Method No 199 using LC/MS/MS



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FOODS AND FOOD PRODUCTS Unspecified	<u>Microbiological Tests</u>  Enumeration:  <i>Escherichia coli</i> , presumptive  Coagulase Positive <i>Staphylococcus</i>  Total aerobic organisms at 30°C  Detection:  <i>Escherichia coli</i> O157:H7	Documented In-House Methods based on British Standards  Method No M3 based on BS EN ISO 7251:2005 using Multiple Tube  Method No M13 using Staph Brilliance 24 and confirmation with Staphylase  Method No M1 based on BS EN ISO 4833-1:2013 using Plate Count  Documented In-House Method No M25 based on AOAC Official Method No. 2000 using the 20 hour Reveal method, with confirmation by latex agglutination (presence/absence in 25 g)
DAIRY PRODUCTS Unspecified	Enumeration:  <i>Escherichia coli</i> , presumptive	Method No M6 based on ISO 7251:2005 using Multiple Tube
WATERS  Potable, Surface and Ground	<u>Chemical Tests and Physical Tests</u>  Alkalinity (total)  Ammonium  Chloride, Nitrate, Nitrite, Phosphate and Sulphate	Documented In-House Methods based on procedures in the HMSO Portable series "Method for the Examination of Waters and Associated Materials", specified by ISBN and by year of publication  In-House Method No 028 ISBN 011 751 601 5, 1981, using titrimetry  In-House Method No 031 ISBN 011 751 613 9, 1981, filtration/colorimetric  In-House Method No 229 ISBN 011 752 331 3, 1990 using Ion chromatography



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WATERS (cont'd)	<u>Chemical Tests and Physical Tests</u> (cont'd)	Documented In-House Methods based on procedures in the HMSO Portable series "Method for the Examination of Waters and Associated Materials", specified by ISBN and by year of publication
Potable, Surface and Ground (cont'd)	Free Chlorine	In-House Method No 040 using HACH test kit using Colorimetric
	Conductivity	In-House Method No 027 ISBN 011 751 428 4, 1978 using Potentiometric
	pH	In-House Method No 021 ISBN 011 752 084 5, 1988 using Potentiometric
Potable Water	Aluminium, Antimony, Arsenic, Barium, Boron, Cadmium, Chromium, Copper, Iron, Lead, Manganese, Nickel and Zinc	Documented In-House Method No 209 using ICP-MS based on instrument manufacturer procedures
Surface and Ground	Biological oxygen demand	1) In-House Method No 024 ISBN 011 752 212 0, 1989 using Winkler iodometric  2) In-House Method No 025 ISBN 011 752 212 0, 1989 oxygen probe with and without ATU suppression
	Fluoride	In-House Method No 229 using Ion Chromatography
	Suspended solids	In-House Method No 050 ISBN 011 751 787 9, 1984, filtration/gravimetric weighing



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<b>WASTE WATERS</b>  Untreated and Treated Trade and Domestic Effluents	<u>Chemical Tests and Physical Tests</u>	Documented In-House Methods based on procedures in the HMSO Potable series "Methods for the Examination of Waters and Associated Materials", specified by ISBN and by year of publication
	Alkalinity (total)	In-House Method No 028 ISBN 011 751 601 5, 1981, using titrimetry
	Ammonium	In-House Method No 031 ISBN 011 751 613 9, 1981, filtration/colorimetric
	Biological Oxygen Demand	1) In-House Method No 024 ISBN 011 752 212 0, 1989 using Winkler iodometric  2) In-House Method No 025 ISBN 011 752 212 0, 1989, using oxygen probe with/without ATU suppression
	Conductivity	In-House Method No 027 ISBN 011 751 428 4, 1978 using Potentiometric
	pH	In-House Method No 021 ISBN 011 752 084 5, 1988 using Potentiometric
	Suspended solids	In-House Method No 050 ISBN 011 751 787 9, 1984, filtration/gravimetric weighing
	<u>Microbiological Tests</u>	Documented In-House Methods based on The Microbiology of Drinking Water (MDW) Series as indicated
	Enumeration:	
	Coliforms, confirmed	Method No M 20 using Colilert™ using MPN based on MDW (2016) part 4D
<b>WATERS (Drinking including Bottled Waters, Saline and Recreational)</b>		



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WATERS (Drinking including Bottled Waters, Saline and Recreational) – (cont'd)	<u>Microbiological Tests (cont'd)</u>	Documented In-House Methods based on The Microbiology of Drinking Water (MDW) Series as indicated
	Enumeration (cont'd)	
	Enterococci	Documented in-house method No M22 using membrane filtration based on MDW (2012) Part 5
	<i>Escherichia coli</i> , confirmed	Method No M20 using Colilert™ using MPN based on MDW (2016) Part 4D
	Total aerobic organisms at 22 °C and 37 °C	Method No M9 using Plate count based on MDW (2012) Part 7A
END		