


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>Accredited to ISO/IEC 17025:2005</b></p>	<div><h1>Eurofins Laboratories Ltd</h1><p><b>Issue No: 033    Issue date: 15 July 2008</b></p></div> <table><tr><td><p><b>Unit 28/32 Brunel Road</b> <b>Acton</b> <b>London</b> <b>W3 7XR</b></p></td><td><p><b>Contact: Mr A Jervis</b> <b>Tel: +44 (0)1902 743222</b> <b>Fax: +44 (0)1902 746183</b> <b>E-Mail: Andrewjervis@eurofins.co.uk</b> <b>Website: www.eurofins.com</b></p></td></tr></table>		<p><b>Unit 28/32 Brunel Road</b> <b>Acton</b> <b>London</b> <b>W3 7XR</b></p>	<p><b>Contact: Mr A Jervis</b> <b>Tel: +44 (0)1902 743222</b> <b>Fax: +44 (0)1902 746183</b> <b>E-Mail: Andrewjervis@eurofins.co.uk</b> <b>Website: www.eurofins.com</b></p>
<p><b>Unit 28/32 Brunel Road</b> <b>Acton</b> <b>London</b> <b>W3 7XR</b></p>	<p><b>Contact: Mr A Jervis</b> <b>Tel: +44 (0)1902 743222</b> <b>Fax: +44 (0)1902 746183</b> <b>E-Mail: Andrewjervis@eurofins.co.uk</b> <b>Website: www.eurofins.com</b></p>			
<p><b>Testing performed by the Organisation at the locations specified below</b></p>				

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Eurofins Laboratories Ltd. Unit 28/32 Brunel Road Acton London W3 7XR	<b>Local contact</b> Mr M Lewis  Tel: +44 (0)20 8222 6070 Fax: +44 (0)20 8222 6080 Email: MartinLewis@eurofins.co.uk	Microbiology	A
Eurofins Laboratories Ltd 47-69 Woodside Business Park Shore Road Birkenhead Wirral CH41 1EP	Mr Ian Kernaghan  Tel: +44 (0)151 647 9175 Fax: +44 (0)151 647 2328 Email: IanKernaghan@eurofins.co.uk	Microbiology Chemistry	B
Eurofins Laboratories Ltd. Unit D3 Broadoak Business Park Ashburton Road West Old Trafford Manchester M17 1RW	Mr D Myrtle  Tel: +44 (0) 161 868 7600 Fax: +44 (0) 161 868 7699 E-Mail: DavidMyrtle@eurofinsco.uk	Chemistry Physical	C
Eurofins Laboratories Ltd Science Services Centre Finnabair Industrial Park Dundalk County Louth Ireland	Ms Kellie Brady  Tel: 00 +353 (0) 429 328 333 Fax: 00 +353 (0) 429 333 125 Email: kelliebrady@eurofins.ie	Microbiology	D
Eurofins Laboratories Ltd The Public Analyst's Laboratory Room 74, 4 <sup>th</sup> Floor 16 Donegal Square South Belfast Northern Ireland, BT15 5JJ	Mr David Bailie  Tel: +44 (0) 2890 321691 Fax: +44 (0) 2890 439604 Email: DavidBailie@eurofins.co.uk	Chemistry	E



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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
CONSUMER PRODUCTS	<u>Chemical Tests</u>	Documented In-House Methods:	
Ceramic Ware	Cadmium and Lead	C/25 based on BS 6748:1986 using ICP-OES	C
Materials and Articles in Contact with Foodstuffs	Overall migration		
	Into aqueous simulants by total immersion	F/101 based on BS EN 1186-3:2002	C
	Into aqueous simulants by article fill	F/102 based on BS EN 1186-9:2002	C
	Into olive oil by total immersion	F/100 based on BS EN 1186-2:2002	C
	Into olive oil using a pouch	F/153 based on BS EN 1186-6:2002	C
	Into aqueous food simulants using a pouch	F/152 based on BS EN 1186-7:2002	C
	Into olive oil by article filling	F/174 based on BS EN 1186-8:2002	C
	Into iso-octane and 95% ethanol by total immersion	F/175 based on BS EN 1186-14:2002	C



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FOODS	ANALYSIS FOR THE PURPOSE OF ENFORCEMENT OF THE FOOD SAFETY ACT 1990 AND THE FOOD SAFETY (NORTHERN IRELAND) ORDER 1991	METHODOLOGY TO MEET THE REQUIREMENTS FOR ENFORCEMENT OF THE FOOD SAFETY ACT 1990 AND THE FOOD SAFETY (NORTHERN IRELAND) ORDER 1991	
	<u>Chemical Tests</u>	Documented In-House Methods:	
Herbs and Spices	Authenticity and foreign body examination	VEMS Method F/0224 using light microscopy	E
Fish and fish products	Total Volatile Nitrogen	VEMS F/0219/1	E
Meat and Meat Products	L-Hydroxyproline	HYPRO by Skalar analyser	B
	Free Fatty Acids and Peroxide Value	VEMS/F/0178/3	E
	Meat content by calculation	R&S 010	B
	Nitrate	VEMS F/0287/2	B
	Nitrite	VEMS F/0288/1	B
	Sulphur dioxide	1) VEMS F/0158/3 (LIMS code C0038)	E
		2) VEMS F/0360/2 (LIMS code B0313)	E
	Total volatile nitrogen	i) VEMS F/0157/2	E
		ii) Documented In-House Method F/05	C
Milk	Acidity	VEMS F/0131/2	E
Fats and oils	Free fatty acids	Documented In-House Method F/14 based on BS EN ISO 660:2000 and BS 5086: Part 6: 1985 using Titrimetry	C
	Peroxide value	Documented In-House Method F/15 based on BS 684 using Titrimetry	C



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FOODS - GENERAL	<u>Chemical Tests</u>		
	Development or modification of methods/analysis using HPLC, for food enforcement purposes	Documented In-House Procedures covered by Protocol GEN 01 and R&S GP1 incorporating VEMS Generic Protocol	B
	Development or modification of methods/analysis using microscopy, for food enforcement purposes		E
	Colours (Qualitative)	VEMS F/0135/2	B
	Colouring matter (artificial water soluble)	1.21 by HPLC	B
	Allura Red Brilliant Black B1V Brilliant Blue FCF Carmoisine Erythrosine Green S Indigo Carmine Ponceau 4R Quinoline Yellow Patent BlueV Red 2G Sunset Yellow FCF Tatrazine		
	Ash	1.01 based on BS 4401: part 1: 1998, ISO 936:1998	B
	Caffeine	1.19 by HPLC	B
	Chloride	1.04 based on BS 4401: part 6: 1996, ISO 1841:part 1: 1996	B
	Dietary fibre	1.22 by AOAC procedure using FibreTech system	B
	Fat (free)	1.07 based on BS 4401: part 5: 1996, ISO 1444: 1996	B



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FOODS - GENERAL (cont'd)	<u>Chemical Tests</u>		
	Fat (total)	1.06 based on BS 4401:Part 4:1970 (LIMS code B0104)	B
	Fat (total)	1.06B based on BS 4401: Part 4:1970, method A	B
	Free fatty acid profile	1.08 developed from BS 684:Section 2.34 and 2.35	B
	Free fatty acids	Documented In-House Method F/14 using Titrimetry	C
	Moisture	1.05A based on BS4401: part 3: 1997, ISO 1442:1997	B
	Moisture in high sugar level samples	1.05B using vacuum oven based on AOAC 1990 (LIMS code A7359)	B
	Nitrogen	1.15 by LECO nitrogen analyser	B
	Organic preservatives	1.20 by HPLC	B
	Peroxide value	Documented In-House Method F/15 based on BS 684 using Titrimetry	C
	Sodium	1.03 developed from EEC Directive, Vol 18, 1973 (using atomic absorption)	B
	Sulphur dioxide	i) 1.10 developed from Chemical Analysis of Foods 1976 (Monier Williams)	B
		ii) Documented In-House Method F/23 using distillation and titrimetry	C



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FOODS - GENERAL (cont'd)	<u>Chemical Tests</u>		
	Sugars	1.23 by HPLC	B
	Fructose		
	Glucose		
	Sucrose		
	Maltose		
	Lactose		
	Sweeteners	1.18 by HPLC	B
	Theobromine	1.19 by HPLC	B
	Water activity	1.13 using Lab Cell water activity meter	B
	<u>Chemical Tests</u>		
FOODS - chillies, palm oil, marinades and oil-based sauces and pickles	Non-permitted colours	2.03 using HPLC	B
	Sudan I, II, III, IV		
	Rhodamine B		
	Orange II		
	Para Red		
	Butter Yellow		
	Sudan Red B		
	Sudan Red 7B		
	Sudan Red G		
	Sudan Orange G		
FOOD - GENERAL	<u>Calculated Values</u>		
	Carbohydrate	5.08 by difference	B
	Energy	5.09 using conversion factors from the Nutrition Labelling Directive (90/496/EEC)	B
	Starch	5.10 by difference	B



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MOLASSES and ASSOCIATED MATERIALS	<u>Chemical Tests</u>	Documented In-House Methods based on ICUMSA methodology	
	Ash Brix by hydrometry and refractometry	I2 H2/H3	B
ENVIRONMENTAL SWABS	Moisture Reducing Sugars Total Sugars	H1 E1 F1	B
	<u>Microbiological Tests</u>	Documented In-House Methods:	
	Enumeration of:	Swab preparation method EUMM1.04	A, B, D
	Aerobic colony count at 30°C	EUMM3.14 based on ISO 4833: 2003	A, B, D
	Coliforms (presumptive)	EUMM3.04 based on BS ISO 4832: 2006	A, B, D
	<i>Escherichia coli</i>	EUMM3.02 based on BS ISO 16649-2:2001	A, B, D
	Enterobacteriaceae (presumptive)	EUMM3.05 based on BS ISO 21528-2: 2004	A, B, D
	<i>Staphylococcus aureus</i>	EUMM3.06 based on BS EN ISO 6888-1:1999	A, B, D
	Faecal streptococci (Enterococci)	EUMM3.09 based on BS 4285: Section 3.11:1985	A, B
	Presumptive <i>Pseudomonas</i> spp and <i>Pseudomonas aeruginosa</i> (confirmed)	In-House Method EUMM3.11, CFC agar (for <i>Pseudomonas</i> species) and CN agar (for <i>P. aeruginosa</i> )	B
	<i>Listeria</i> spp including <i>L. monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	EUMM3.08 based on BS EN ISO 11290-2: 1998	A, B, D
	Yeasts and mould	EUMM3.16 based on BS 4285-3.6: 1986	A, B, D



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FOODS and ANIMAL FEEDING STUFFS (cont'd)	<u>Microbiological Tests</u> (cont'd)		
	Presumptive <i>Pseudomonas</i> spp and <i>Pseudomonas aeruginosa</i> (confirmed)	In-House Method EUMM3.11 CFC agar (for <i>Pseudomonas</i> species) and CN agar (for <i>P. aeruginosa</i> )	A
	<i>Staphylococcus aureus</i>	EUMM3.06 based on BS EN ISO 6888-1:1999	A, B, D
	Enumeration of:		
	Total Anaerobic Count	In-House Method EUMM3.15 using RCA media	A
	Total Viable Count	EUMM3.14 based on ISO 4833: 2003 (Aerobic colony count at 30 °C)	A, B, D
	Yeasts and moulds	EUMM3.16 based on BS 4285-3.6: 1986	A, B, D
	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	EUMM3.08 based on BS EN ISO 11290-2: 1998	A, B, D
	Detection of:		
	<i>Campylobacter</i> spp	EUMM3.10 based on BS EN ISO 10272-1:2006	A, B



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FOODS and ANIMAL FEEDING STUFFS (cont'd)	<u>Microbiological Tests</u> (cont'd)		
	Detection of:		
	<i>Salmonella</i> spp, confirmed	1) EUMM3.01 based on BS EN ISO 6579:2002	A, B, D
		2) In-House Method EUMM3.01 using single selective enrichment broth and plating onto XLD and BGA	A, B, D
		3) EUMM3.18 using Rayal ELISA test kit	A, B
	<i>Escherichia coli</i> O157	EUMM3.17 using immunomagnetic bead separation, selective plating and confirmation using latex agglutination kit based on HPA Standard Method F17, issue 2	B
	<i>Listeria</i> spp	EUMM3.19 using Rayal ELISA test kit	A, B
	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	In-House Method EUMM3.08 using <i>Listeria</i> Enrichment Broth and plating onto PALCAM agar	A, B, D
	<i>Escherichia coli</i>	EUMM3.13 using double-strength MacConkey broth	B
WATERS	<u>Chemical Tests</u>		
- Swimming pool waters	Chlorine/bromine residual disinfectants	Documented In-House Method W/08 using Titration	C



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WATERS, Raw and Potable	<u>Microbiological Tests</u>	Documented In-House Procedures identified by method number based on/ incorporating procedures in the HMSO publication The Microbiology of Drinking Water (MDW), 2002 (unless otherwise indicated)	
	Enumeration of:		
	Coliforms/ <i>Escherichia coli</i>	EUMM4.01 using membrane filtration based on MDW Part 4	B, D
	Faecal streptococci (Enterococci)	EUMM4.05 using membrane filtration based on MDW Part 5	B, D
	Enumeration of:		
	<i>Pseudomonas</i> spp and <i>Pseudomonas aeruginosa</i>	EUMM4.03 using membrane filtration based on MDW Part 8	B
WATERS, Raw and potable WATERS, Environmental	Sulphite reducing clostridia	EUMM 4.04 based on MDW (2004) Part 6	B
	Total viable count	EUMM 4.02 at 22 °C, 30 °C and 37 °C based on MDW Part 7	B, D
	<u>Microbiological Tests</u>		
FLAMMABLE LIQUIDS AND SOLIDS	Detection of:		
	<i>Legionella</i> spp, including confirmation of <i>Legionella pneumophila</i> , Serogroups 1 to 14	EUMM4.06 using membrane filtration based on BS 6068-4:1998 ISO 11731:1998	B
FLAMMABLE LIQUIDS AND SOLIDS	<u>Physical Tests</u>		
	Flash point	Documented In-House Method C/51 based on BS EN ISO 13736:1998 using Abel Closed Cup Flash Point Apparatus	C



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<b>TOYS and TOY PACKAGING</b>  (including nursery furniture, decorations, novelties, painted goods)	<u>Chemical Tests</u>		
	Soluble: Antimony Arsenic Barium Cadmium Chromium Lead Mercury Selenium	Documented In-House Methods based on BS EN 71-3:1995 using Inductively Coupled Plasma Optical Emission Spectrophotometry (ICP-OES)	C
	<u>Safety Tests</u>		
	Flammability	Documented In-House Method based on BS EN 71-2:2006	C
	Toys to be worn on the head	4.2	C
	Toy disguise costume	4.3	C
	Toys intended to be entered	4.4	C
	Soft filled toys 520 mm or less	4.5.1	C



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TOYS and TOY PACKAGING (cont'd)			
Insulated flasks, jugs and vacuum ware	<u>Physical Tests</u>  Performance	C/56 based on BS EN 12546-1: 2000, 3.4, 3.5, 3.8	C
Insulated bags and boxes	Physical Tests Insulation performance	C/57 based on BS EN 12546-2: 2000, 3.2	C
LIGHTERS		C/55 based on BS EN ISO 9994: 2006	C
	Resistance to fuel loss	4.3	C
	Resistance to dropping	4.4	C
	Burning behaviour	4.7	C
	Resistance to cyclic burning	4.8	C
	Resistance to continuous burning	4.9	C
END			