

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0342</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Eurofins Laboratories Ltd</h3> <p>Issue No: 059 Issue date: 01 February 2012</p>	
	<p>Woodthorne Wergs Road Wolverhampton WV6 8TQ</p>	<p>Contact: Mr B McLean Tel: +44 (0)1902 693284 Fax: +44 (0)1902 693345 E-Mail: brianmclean@eurofins.co.uk Website: www.eurofins.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
<p>Address Eurofins Laboratories Ltd. Unit 28/32 Brunel Road Acton London W3 7XR</p>	<p>Local contact Ms P Catchpole Tel: +44 (0)20 8222 6070 Fax: +44 (0)20 8222 6080 Email: paulacatchpole@eurofins.co.uk</p>	Microbiology	A
<p>Eurofins Laboratories Ltd Woodthorne Wergs Road Wolverhampton WV6 8TQ</p>	<p>Ms D Hickson Tel: +44 (0) 1902 693285 Fax: +44 (0) 1902 693323 Email: dellahhickson@eurofins.co.uk</p>	Microbiology	B
<p>Eurofins Laboratories Ltd The Public Analyst's Laboratory Room 74, 4th Floor 16 Donegal Square South Belfast Northern Ireland BT15 5JJ</p>	<p>Mr David Bailie Tel: +44 (0) 2890 321691 Fax: +44 (0) 2890 439604 Email: davidbailie@eurofins.co.uk</p>	Chemistry	C



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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 - GENERAL	<u>Chemical Tests</u>	Documented In-House Methods:	
Fish and fish products	Total Volatile Nitrogen	VEMS F/0219/1	C
Meat and Meat Products	Free Fatty Acids in fat	VEMS/F/0178/3	C
	Peroxide Value of fat	VEMS/F/0178/3	C
	Sulphur dioxide	1) VEMS F/0158/3	C
		2) VEMS F/0360/2	C
	Total volatile nitrogen	VEMS F/0157/2	C
Milk	Acidity	VEMS F/0131/2	C
ENVIRONMENTAL SWABS	<u>Microbiological Tests</u>	Documented In-House Methods:	
	Enumeration of:		
	Aerobic colony count at 30°C	EUMM3.14 based on ISO 4833:2003	A, B
	Coliforms (presumptive)	EUMM3.04 based on BS ISO 4832:2006	A, B
	<i>β</i> -glucuronidase positive <i>Escherichia coli</i>	1) EUMM3.02 based on ISO 16649-2:2001 by spread plate technique	A, B
		2) EUMM3.25 based on ISO 16649-2:2001 by Pour Plate Technique	A, B
	Enterobacteriaceae (presumptive)	EUMM3.05 based on BS ISO 21528-2: 2004	A, B
	Coagulase positive Staphylococci including <i>Staphylococcus aureus</i>	EUMM3.06 based on BS EN ISO 6888-1:1999	A, B
	Faecal streptococci (Enterococci)	EUMM3.09 based on BS 4285:Section 3.11:1985	A, B



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ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Presumptive <i>Pseudomonas</i> spp and <i>Pseudomonas aeruginosa</i> (confirmed)	EUMM3.11 In-house documented method, 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>	1) EUMM3.08 In-house documented method using PALCAM agar	A, B
		2) EUMM3.27 based on ISO 11290-2:1998/Amdt 1: 2004	A, B
	Yeasts and mould	EUMM3.16 based on BS 4285-3.6: 1986	A, B
	Detection of:		
	<i>Listeria</i> spp including <i>L. monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	1) EUMM3.08 In-House Method using <i>Listeria</i> Enrichment Broth and plating onto PALCAM agar	A, B
		2) EUMM3.26 In-House Method using enrichment in Fraser broth and plating onto Rapid <i>Listeria</i> spp. Agar and confirmation	A
	3) EUMM3.27 based on ISO 11290-1:1997/ Amdt 1:2004	A, B	
<i>Salmonella</i> spp			
	1) EUMM3.01 In-House Method using single selective enrichment and plating onto BGA and XLD	A, B	
	2) EUMM3.28 based on BS EN ISO 6579:2002		A, B



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FOODS - GENERAL and ANIMAL FEEDING STUFFS	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Enumeration of:		
	Aerobic Mesophilic Spore count	EUMM3.21 In-House Method, heat treatment followed by plating onto PCA	A
	Presumptive <i>Bacillus cereus</i>	EUMM3.03 based on BS EN ISO 7932:2004	A, B
	<i>Clostridium perfringens</i>	EUMM3.07 based on BS EN 7937:2004, confirmed using API system	A, B
	Coliforms (presumptive)	EUMM3.04 based on BS ISO 4832:2006	A, B
	Enterobacteriaceae (presumptive)	EUMM3.05 based on BS ISO 21528-2:2004	A, B
	β -glucuronidase positive <i>Escherichia coli</i>	1) EUMM3.02 based on ISO 16649-2:2001 by spread plate technique 2) EUMM3.12 by membrane method based on ISO 16649-1:2000	B, A A, B
	Faecal streptococci (Enterococci)	3) EUMM3.25 based on ISO 16649-2:2001 EUMM3.09 based on BS 4285: Section 3.11:1985 using SB or KF agar according to customer specified requirements	A, B A, B
	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	1) In-House Documented EUMM3.08 using PALCAM agar 2) EUMM3.27 based on ISO 11290-2:1998/ Amdt 1:2004	A, B A, B



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FOODS - GENERAL and ANIMAL FEEDING STUFFS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Enumeration of:		
	Presumptive <i>Pseudomonas</i> spp and <i>Pseudomonas aeruginosa</i> (confirmed)	EUMM3.11 In-House Method CFC agar (for <i>Pseudomonas</i> species) and CN agar (for <i>P. aeruginosa</i>)	A, B
	Coagulase positive Staphylococci including <i>Staphylococcus aureus</i>	EUMM3.06 based on BS EN ISO 6888-1:1999	A, B
	Total Anaerobic Count	EUMM3.15 In-House Method using RCA media	A
	Total Viable Count	EUMM3.14 based on ISO 4833: 2003 (Aerobic colony count at 30°C)	A, B
	Yeasts and moulds	EUMM3.16 based on BS 4285-3.6: 1986	A, B
	Detection of:		
	<i>Campylobacter</i> spp	EUMM3.10 based on BS EN ISO 10272-1:2006	A, B
<i>Escherichia coli</i> O157	EUMM3.17 based on BS EN ISO 16654:2001 plated onto CTSMAC and BCIG with confirmation using latex agglutination kit	B	
<i>Escherichia coli</i>	EUMM3.13 based on Practical Food Microbiology, 2002, 3 rd edition using MBP and confirmation using TW and BGGB	B	



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FOODS - GENERAL and ANIMAL FEEDING STUFFS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Detection of: <i>Salmonella</i> spp, confirmed	1) EUMM3.28 based on BS EN ISO 6579:2002	A, B
	 <i>Listeria</i> spp including <i>Listeria monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	2) EUMM3.01 In-House Method using single selective enrichment broth and plating onto XLD and BGA 3) EUMM3.18 using Rayal ELISA test kit EUMM3.08 In-House Method using <i>Listeria</i> Enrichment Broth and plating onto PALCAM agar	A, B A, B
FOODS - GENERAL	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , <i>innocua</i> , <i>welshimeri</i> , <i>seeligeri</i> and <i>ivanovii</i>	1) EUMM3.26 In-House Method using enrichment in Fraser broth and plating onto Rapid <i>Listeria</i> spp. Agar and confirmation 2) EUMM3.27 based on ISO 11290-1: 1997/ Amdt 1:2004	A A, B
MILK POWDER, INFANT FORMULA	<u>Molecular Biology Tests</u>	Documented In-House Methods:	
	Detection of: <i>Cronobacter sakazakii</i> DNA	EUMM3.30 and 3.31 using Pathatrix Auto system followed by Real-Time PCR using Taqman detection kit on pooled (five) samples, using Stratagene Mx3005P	B



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FOOD and FOOD PRODUCTS, ENVIRONMENTAL SWABS	<u>Molecular Biology Tests</u> Detection of: <i>Salmonella</i> species DNA	Documented In-House Methods: 1) EUMM3.33 and EUMM3.32 using Pathatrix Auto system followed by Real-Time PCR using Applied Biosystems Microseq Fast PCR kit on pooled (five) samples	B
Includes feeds (not ABPR)		2) EUMM3.34 using Dupont Qualicon BAX PCR test kit	B
ANIMAL FEEDING STUFFS	<u>Microbiological Tests</u> Detection of: <i>Salmonella</i> spp. (confirmed)	EUMM3.37 based on BS EN ISO 6579:2002 + A1:2007 to meet the requirements of the Animal By-Products Regulations (Enforcement) (England) Regulations, 2011/881 and the Animal By-Products Regulations (Enforcement) (Scotland) Regulations, 2011/171	B
	Enumeration of: Enterobacteriaceae (presumptive)	EUMM3.38 based on BS ISO 21528-2:2004 to meet the requirements of Animal By-Products Regulations (Enforcement) (Scotland) Regulations, 2011 SI 2011 No 882	B
WATERS: POTABLE & PROCESS	<u>Microbiological Tests</u> Enumeration of: Total coliforms & <i>E. coli</i> (confirmed)	Documented In-House Methods EUMM4.01 using membrane filtration based on Microbiology of Drinking Water (2009) Part 4	B
	Total colony counts at 22°C, 30°C and/or 37°C	EUMM4.02 based on Microbiology of Drinking Water (2007) Part 7	B



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WATERS: POTABLE & PROCESS (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods	
	Enumeration of: (cont'd)		
	<i>Pseudomonas spp</i> , including <i>Ps. aeruginosa</i> (confirmed)	EUMM4.03 02 based on Microbiology of Drinking Water (2010) Part 8	B
	Sulphite reducing Clostridia including <i>Cl. perfringens</i> (confirmed)	EUMM4.04 based on Microbiology of Drinking Water (2010) Part 6	B
	Faecal Streptococci (Enterococci)	EUMM4.05 based on Microbiology of Drinking Water (2010) Part 5	B
END			