


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Beechwood Laboratories</h3> <p>Issue No: 016 Issue date: 18 July 2011</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS, Specifically	<u>Chemical Tests</u>	Documented In-House Methods
CURING BRINES	Nitrate Nitrite	No. CHM/7/NIT based on BS 4401:Part 7 and Part 8:1976 (1992)
MEAT and MEAT PRODUCTS	Nitrite	No. CHM/7/NOS based on BS 4401:Part 7 and Part 8:1976(1992)
	Sulphur Dioxide	No. CHM/7/SO2 using distillation and titrimetry
DAIRY PRODUCTS	Sorbic Acid	No. CHM/7/SOR based on Pearsons composition and Analysis of foods and AOAC 15th Edition, 1990, 971.15
MILK PRODUCTS	Fat	No. CHM/7/RGF based on BS 1741:Part 3:1987
FOODS and FOOD PRODUCTS (Unspecified)	Ash	No. CHM/7/ASH based on BS 4401-1: 1998, ISO 936: 1998
	Chloride	No. CHM/7/SLT based on BS 4401:Part 6:1996
	Dietary Fibre	No. CHM/7/FIB based on Official Methods of Analysis of AOAC International, 6 th edition
	Free Fat	No. CHM/7/FFT based on BS 4401:Part 5: 1996



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FOODS and FOOD PRODUCTS (Unspecified) (cont'd)	Hydroxyproline	No. CHM/7/HYD based on BS 4401: Part 11: 1995, ISO 3496: 1994
	Potassium Sodium	No. CHM/7/FLM using flame emission spectrometry
	Total fat	No. CHM/7/WSF based on BS 770:Part 3:1989
	Total Sugars	No. CHM/7/SUG based on Pearsons Composition and Analysis of Food, 9 th edition
	<u>Chemical Tests</u>	Documented In-House Methods
	Moisture	No. CHM/7/M02 based on BS 4401:Part 3:1997, ISO 1442: 1997
	Nitrogen Crude Protein	No. CHM/7/PRO based on BS 4401:Part 2:1980
	pH	No. CHM/7/PH based on BS 4401:Part 9:1975
	Added Water	No. CHM/7/CLC by calculation 1) based on Stubbs and Moore 2) based on Directive 2001/101/EC (FSA method)
	Carbohydrate	
	Energy Value	
	Meat content	
	WATER : Potable, Raw and Waste Waters	<u>Chemical Tests</u>
Chemical Oxygen Demand		No. CHM/7/STC based on BS ISO 15705:2002, BS 6068:Part 2.80: 2002
ENVIRONMENTAL SWABS	<u>Microbiological Tests</u>	Documented In-House Methods:
	<u>Detection:</u> <i>Listeria</i> species, confirmed	No. MPM/7/LIS based on ISO 11290-1:1997



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ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological Tests</u> (cont'd) <u>Enumeration of:</u> Total Colony Count at 22°C Total Colony Count at 37°C Enterobacteriaceae, presumptive <i>Staphylococcus aureus</i> , confirmed	Documented In-House Methods: (cont'd) No. MPM/7/HS No. MPM/7/AMC-G No. MPM/7/ENT based on ISO 21528-2: 2004 No. MPM/7/SAU based on BS EN ISO 6888-1:1999
FOODS and FOOD PRODUCTS (Unspecified)	<u>Microbiological Tests</u> <u>Detection:</u> <i>Campylobacter</i> spp, confirmed <i>Listeria</i> spp, confirmed <i>Salmonella</i> , confirmed	Documented In-House Methods In-House Method No. MPM/7/CAM No. MPM/7/LIS based on ISO 11290-1:1997 No. MPM/7/SAL based on BS EN ISO 6579:2002
Carcases and meat	<i>Escherichia coli</i> O157, presumptive	MPM/7/REV, using the REVEAL test kit
Unspecified	Enumeration: Aerobic mesophilic count Anaerobic mesophilic count	In-House Methods unless stated otherwise 1) No. MPM/7/AMC-A, using TCA, 22°C for 72 hours 2) No. MPM/7/AMC-B, using TCA, 30°C for 48 hours 3) No. MPM/7/AMC-C, using PCA, 22°C for 72 hours 4) No. MPM/7/AMC-D based on ISO 4833: 2003 5) No. MPM/7/AMC-E, using TCA + 4% NaCl, 22°C for 72 hours 6) No. MPM/7/AMC-F using TCA + 4%NaCl, 30°C for 48 hours No. MPM/7/ANC using RCA, 30°C for 72 hours



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FOODS and FOOD PRODUCTS (Unspecified)	<u>Microbiological Tests (cont'd)</u>	Documented In-House Methods
	<i>Bacillus cereus</i> , presumptive	No. MPM/7/BCS based on Health Protection Agency SOP F15, issue 1
	<i>Clostridium perfringens</i> , confirmed	1) No. MPM/7/CPR based on BS EN ISO 7937: 2004 2) No. MPM/7/CPE based on BS EN 13401:1999 by enrichment (withdrawn)
	Coliforms (presumptive)	No. MPM/7/CLP based on BS ISO 4832: 2006 by pour plate
	Enumeration:	
	Enterobacteriaceae, presumptive	No. MPM/7/ENT based on ISO 21528-2: 2004
	<i>Escherichia coli</i> , confirmed	1) No. MPM/7/ECP based on BS EN ISO 16649-2: 2001 2) No. MPM/7/ECM based on BS EN ISO 11866: 1997 and ISO 7251:1993 (withdrawn) by MPN
	<i>Listeria</i> spp, confirmed	No. MPM/7/LIE-C based on ISO 11290-2: 1998 using chromogenic agar
	<i>Staphylococcus aureus</i> , confirmed	No. MPM/7/SAU based on BS EN ISO 6888-1:1999
	Yeasts and moulds	In-House Method No. MPM/7/YM using OGYE, at 25°C for 5 days
WATERS	<u>Microbiological Tests</u>	Documented In-House Methods based on The Microbiology Drinking Water (MDW) 2002, unless otherwise stated
	Enumeration:	
	Sulphite Reducing Clostridia	MPM/7/SRC, based on MDW Part 6, (2010), by membrane filtration



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WATERS (cont'd)	<u>Microbiological Tests</u> (cont'd) <i>Clostridium perfringens</i> Coliforms, presumptive <i>Escherichia coli</i> , presumptive Faecal Streptococci, presumptive Total Viable Count at 22°C & 37°C Detection of: <i>Salmonella</i>	No. MPM/7/CPW based on MDW Part 6, (2010), by membrane filtration No. MPM/7/COW, based on MDW Part 4 (2009), by membrane filtration No. MPM/7/ECW, based on MDW Part 4 (2009), by membrane filtration No. MPM/7/FSW, based on MDW Part 5, (2010), by membrane filtration No. MPM/7/TCW, based on MDW Part 7, (2007) by pour plate No. MPM/7/SAL, based on MDW Part 9, (2006)
END		