Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Beechwood Laboratories Limited

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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
FOOD and FOOD PRODUCTS, Specifically	Chemical Tests	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)
MEAT and MEAT PRODUCTS, FRUIT, VEGETABLE and BEVERAGES	Sulphur Dioxide	No. CHM/7/S02 using distillation and titrimetry
MILK PRODUCTS	Fat	No. CHM/7/RGF based on BS EN ISO 1211:2010
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, 6th edition
	Hydroxyproline/Collagen by calculation	No. CHM/7/HYD based on BS 4401: Part 11: 1995, ISO 3496: 1994
	Potassium Sodium/Salt by calculation	No. CHM/7/FLM using flame emission spectrometry
	Total fat	No. CHM/7/WSF based on BS EN ISO1635:2004

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS and FOOD PRODUCTS (cont'd)	Chemical Tests (cont'd)	Documented In-House Methods (cont'd)
	Total Sugars	No. CHM/7/SUG based on Pearsons Composition and Analysis of Food, 9th edition
	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 Carbohydrate Energy Value Meat content	No. CHM/7/CLC by calculation 1) based on Stubbs and Moore 2) based on Directive 2001/101/EC (FSA method)
Food, Food Products and Animal Feedstuffs	Water Activity	CHM/7/aW based on BS EN ISO 18787:2017
	Nitrogen (and Protein by Calculation)	No. CHM/7/PD using DUMAS
ANIMAL BY-PRODUCTS	Microbiological Tests	Documented In-house methods for the purpose of the Animal By-Products (Enforcement) Regulation (ABPR) 2013 (amended 2015) implementing Regulation (EU) No 142/2011 (as amended)
	Detection	
Animal By-Product materials including Composts/Digests, Pet foods and Renderings	*Salmonella* spp., confirmed	No. MPM/7/SAL based on BS EN ISO 6579-1:2017 + A1:2020

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Animal By-Product materials including Composts/Digests, Pet foods and Renderings (cont'd)	Microbiological Tests (cont'd)	Documented In-house methods (cont'd)
	Enumeration	
	Enterobacteriaceae, presumptive	No. MPM/7/ENT based on BS EN ISO 21528-2:2017
	Detection:	
	β-glucuronidase positive *Escherichia coli*	No. MPM/7/ECP based on BS EN ISO 16649-2: 2001
CARCASE SWABS	Detection	
	Salmonella spp., confirmed	No. MPM/7/SAL based on BS EN ISO 6579-1:2017 + A1:2020
	Enumeration	
	Enterobacteriaceae, presumptive	MPM/7/ENT based on BS EN ISO 21528-2:2017
	Aerobic mesophilic count	MPM/7/AMC-D based on BS EN ISO 4833-1: 2013+A1 2022
ENVIRONMENTAL SWABS	Detection	
	Listeria species, confirmed	1) No. MPM/7/LIS based on BS EN ISO 11290-1:2017 2) MPM/7/LIS-O using Neogen Less Plus Broth and LCA, confirmation by, Catalase, Oxidase, Gram Stain and biochemical profiling Biomerieux API or Microgen Listeria

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ENVIRONMENTAL SWABS (cont'd)	Microbiological Tests (cont'd)	Documented In-house methods (cont'd)
	Detection	
	Salmonella spp., confirmed	MPM/7/SAL-O using Neogen BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Biomerieux API 20E and serological testing
	Clostridium perfringens, confirmed	No. MPM/7/CPE by enrichment using Cooked Meat Media and plating onto TSC. Confirmation using acid phosphatase test
	Enumeration	
	Total Colony Count at 37°C	No. MPM/7/AMC-G using PCA at 37°C for 24 hours
	Enterobacteriaceae, presumptive	No. MPM/7/ENT based on BS EN ISO 21528-2:2017
	Coagulase Positive Staphylococci including *Staphylococcus aureus*	No. MPM/7/SAU based on BS EN ISO 6888-1:2021/Amd 1:2023
FOODS and FOOD PRODUCTS	Detection	
	Listeria spp., confirmed	1) No. MPM/7/LIS based on BS EN ISO 11290-1:2017 2) MPM/7/LIS-O using Neogen Less Plus Broth and LCA, confirmation by, Catalase, Oxidase, Gram Stain and biochemical profiling Biomerieux API or Microgen Listeria

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS and FOOD PRODUCTS (cont'd)	Microbiological Tests (cont'd)	Documented In-house methods (cont'd)
	Detection	
	Salmonella spp., confirmed	1) No. MPM/7/SAL based on BS EN ISO 6579-1:2017 + A1:2020
FOODS and FOOD PRODUCTS ANIMAL FEEDSTUFFS (inc petfoods)		2) MPM/7/SAL-O using Neogen BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Biomerieux API 20E and serological testing
Carcases and meat	*Escherichia coli* O157, presumptive	MPM/7/REV, using the REVEAL test kit
	Enumeration	
	Aerobic mesophilic count	1) No. MPM/7/AMC-A, using Total Count Agar (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 BS EN ISO 4833-1: 2013+A1 2022
	Bacillus cereus, presumptive	No. MPM/7/BCS based on BS EN ISO 7932:2004 +A1:2020
	Clostridium perfringens, confirmed	No. MPM/7/CPR based on BS EN ISO 15213-2:2023 confirmed by acid phosphatase test
	Coliforms (presumptive)	No. MPM/7/CLP based on BS ISO 4832: 2006 by pour plate
	Enterobacteriaceae, presumptive	No. MPM/7/ENT based on BS EN ISO 21528-2:2017

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOODS and FOOD PRODUCTS (cont'd)	Microbiological Tests (cont'd)	Documented In-house methods (cont'd)
	Enumeration	
	β-glucuronidase positive *Escherichia coli*	No. MPM/7/ECP based on BS EN ISO 16649-2: 2001
	Escherichia coli	No. MPM/7/ECM based on ISO 7251:2005+A1:2023 by MPNs
	Lactic Acid Bacteria, presumptive	No. MPM-7-LAB based on BS EN ISO 15214:1998
	Listeria spp., confirmed	No. MPM/7/LIE-C based on BS EN ISO 11290-2 2017
	Coagulase Positive Staphylococci including *Staphylococcus aureus,*	No. MPM/7/SAU based on BS EN ISO 6888-1:2021/Amd 1:2023
	Yeasts and moulds	In-House Method No. MPM/7/YM using OGYE, at 25°C for 5 days
PRIMARY PRODUCTION SAMPLES Boot swabs, dust, faeces, chick box liners, chick carcasses, meconium, fluff and environmental swabs	Detection	
	Salmonella spp. (motile), confirmed	No. MPM/7/SAL-A in accordance with the Control of Salmonella in Poultry Order (CSPO) Northern Ireland, 2008 and the Control of Salmonella in Turkey Order (CSTO) Northern Ireland, 2010 using method based on BS EN ISO 6579-1:2017 + A1: 2020 using MSRV

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATERS Drinking water (non-regulatory) including bottled water (flavoured and sparkling), Recreational, Surface and Ground water	Microbiological Tests	Documented In-House Methods based on The Microbiology Drinking Water (MDW) as stated
	Detection	
	Salmonella spp., confirmed	No. MPM/7/SAL, based on MDW Part 9, (2006)
	Enumeration	
	Sulphite Reducing Clostridia	MPM/7/SRC, based on MDW Part 6, (2021), by membrane filtration
	Clostridium perfringens, confirmed	No. MPM/7/CPW based on MDW Part 6, (2021), by membrane filtration
	Coliforms, presumptive	No. MPM/7/COW, based on MDW Part 4 (2016), by membrane filtration
	Escherichia coli, presumptive	No. MPM/7/ECW, based on MDW Part 4 (2016), by membrane filtration
	Faecal Streptococci (enterococci), presumptive	No. MPM/7/FSW, based on MDW Part 5, (2012), by membrane filtration
	Total Viable Count at 22°C & 37°C	No. MPM/7/TCW, based on MDW Part 7, (2020) by pour plate
	Pseudomonas aeruginosa, presumptive	MPM/7/PAW based on MDW Part 8b, (2015), by membrane Filtration
END		