Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
ANIMAL BY-PRODUCTS and TREATED MATERIALS FROM BIOGAS AND COMPOSTING PLANTS - including Liquid Digests unless stated otherwise	<u>Microbiology Tests</u> Detection:	Documented In-house methods for the purpose of the Animal By- Products (Enforcement) (England) Regulation (ABPR) 2013 (amended 2015) implementing Regulation (EU) No 142/11	
	Salmonella spp (confirmed)	Method 15.2 based on BS EN ISO 6579-1:2017+A1:2020	
	Enumeration:		
(excluding digests)	Clostridium perfringens (confirmed)	Method 9.8 based on BS EN ISO 7937:2004 confirmation using Biomerieux API Rapid ID 32A	
	<i>Escherichia coli</i> , β-glucuronidase positive	Method 5.11 based on BS EN ISO 16649-2:2001	
	Enterobacteriaceae (confirmed)	Method 4.3 based on BS EN ISO 21528-2:2017	
ENVIRONMENTAL SWABS	Microbiology Tests	Documented In-House Methods	
	Detection:		
	Escherichia coli O157	Method EUMM3.17 based on BS EN ISO 16654:2001 + A1:2017 using CTSMAC and BCIG with confirmation using Biomerieux API 20E and latex agglutination kit	



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Issue No: 027 Issue date: 09 February 2024

Accredited to ISO/IEC 17025:2017

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ENVIRONMENTAL SWABS (cont'd)	<u>Microbiology Tests</u> (cont'd) <u>Detection:</u>	Documented In-House Method (cont'd)
	<i>Listeria</i> species including <i>L. monocytogenes</i>	 EUMM3.27 based on BS EN ISO 11290-1:2017, confirmation and identification with BioMerieux API or Microbact12L
		2) EUMM3.81 using Neogen LESS Plus broth and OCLA selective media, confirmation and identification with BioMerieux API or Microbact 12L
	Salmonella spp	1) EUMM3.28 based on BS EN ISO 6579-1:2017+A1:2020 with confirmation using BioMerieux API 20E and serology
		2) Method EUMM3.83 using Neogen BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Maldi ToF (SOP 2.63) or Oxoid Salmonella Latex kit
	Vibrio spp including V. parahaemolyticus, V. cholera and V. vulnificus	EUMM3.24 based on BS EN ISO 21872-1:2017 with confirmation by Oxidase and API 20NE



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ENVIRONMENTAL SWABS (cont'd)	Microbiology Tests (cont'd)	Documented In-House Method (cont'd)
	Enumeration:	
	Aerobic colony count	1) EUMM3.14 based on BS EN ISO 4833-1:2013+A1:2022 (Aerobic plate count at 30°C)
		 EUMM3.62 by pour plate using PCA incubated at 30°C for 48h
	Bacillus cereus, presumptive	EUMM3.03 based on BS EN ISO 7932:2004+A1:2020
	Coliforms, presumptive and confirmed	EUMM3.04 based on BS ISO 4832:2006
	Enterobacteriaceae, presumptive	EUMM3.05 based on BS EN ISO 21528-2:2017
	<i>Escherichia coli</i> , β glucuronidase positive	EUMM3.25 based on BS ISO 16649- 2:2001 (pour plate method)
	<i>Listeria</i> species including <i>L. monocytogenes</i>	EUMM3.27 based on BS EN ISO 11290-2:2017, confirmation and identification with BioMerieux API or Microbact 12L
	Pseudomonas spp, presumptive	EUMM3.11, based on BS EN ISO 13720:2010
	Coagulase positive staphylococci (inc. <i>Staphylococcus aureus</i>)	EUMM3.06 based on BS EN ISO 6888-1:2021
	Yeasts & Moulds	EUMM3.16 by spread plate on DRBC Agar incubated at 25°C for 5 days



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FOOD and FOOD PRODUCTS Unspecified unless stated	Microbiological Tests	Documented In-House Methods
	Escherichia coli O157	Method EUMM3.17 based on BS EN ISO 16654:2001 + A1:2017 using CTSMAC and BCIG with confirmation using Biomerieux API 20E and latex agglutination kit
	<i>Listeria</i> species including <i>L. monocytogenes</i>	 EUMM3.27 based on BS EN ISO 11290-1:2017, confirmation and identification with BioMerieux API or Microbact 12L
		2) EUMM3.81 using Neogen LESS Plus broth and OCLA selective media, confirmation and identification with BioMerieux API or Microbact 12L
	Salmonella spp	1) EUMM3.28 based on BS EN ISO 6579-1:2017+A1:2020 with confirmation using BioMerieux API 20E and serology
		2) Method EUMM3.83 using Neogen BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Maldi ToF (SOP 2.63) or Oxoid Salmonella Latex kit
(Foods with low and high background microflora)	Campylobacter spp	Method 17:1a & b based on BS EN ISO 10272-1:2017, isolation using mCCDA and mPA
	<i>Vibrio</i> spp. including <i>V. parahaemolyticus, V. cholera</i> and <i>V. vulnificus</i>	EUMM3.24 based on BS EN ISO 21872-1:2017 with confirmation by Oxidase and API 20NE



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS General unless specified (cont'd)	Microbiological Tests (cont'd)	Documented In-House Methods (cont'd)
	Enumeration:	
	Aerobic colony count	1) EUMM3.14 based on BS EN ISO 4833-1:2013 + A1 2022 (Aerobic Plate Count at 30°C)
		 EUMM3.62 In-house method by pour plate using PCA incubated at 30°C for 48h
	Aerobic spore count	EUMM3.21 using pour plate technique with PCA incubated at 30°C for 72h following heat shock
	Anaerobic spore count	EUMM3.64 using pour plate technique with RCA incubated at 30°C for 72h following heat shock
	Bacillus cereus, presumptive	EUMM3.03 based on BS EN ISO 7932:2004+A1:2020
	Coliforms, presumptive and confirmed	EUMM3.04 based on BS ISO 4832:2006
	Clostridium perfringens	EUMM3.07 based on BS EN ISO 7937:2004
	Enterobacteriaceae, presumptive	EUMM3.05 based on BS EN ISO 21528-2:2017
	Enterococci, presumptive	EUMM3.09 using spread plate technique on S&B incubated at 37°C for 48h
	<i>Escherichia coli</i> , β glucuronidase positive	EUMM3.25 based on BS ISO 16649- 2:2001 (pour plate method)
	Lactic acid bacteria	EUMM3.20 based on BS ISO 15214:1998



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD and FOOD PRODUCTS General unless specified (cont'd)	Microbiological Tests (cont'd)	Documented In-House Methods (cont'd)
	Enumeration:	
	<i>Listeria</i> species including <i>L. monocytogenes</i>	EUMM3.27 based on BS EN ISO 11290-2:2017, confirmation and identification with BioMerieux API or Microbact 12L
	Pseudomonas spp, presumptive	EUMM3.11 based on BS EN ISO 13720:2010
	Coagulase positive staphylococci (inc. <i>Staphylococcus aureus</i>)	EUMM3.06 based on BS EN ISO 6888-1:2021
Foods with A _w >0.95	Yeasts & Moulds	EUMM3.16 using surface plating on DRBCA based on BS ISO 21527- 1:2008
Food with Aw ≤ 0.95		EUMM3.29 using surface plating on DG18 agar based on BS ISO 21527-2:2008
PET FOODS (dry and wet)	Detection:	
	<i>Listeria</i> spp. including <i>L. monocytogenes</i>	Method 16.12 based on BS EN ISO 11290-1:2017, confirmation and identification with BioMerieux API or Microbact 12L
	Enumeration:	
	Aerobic Colony Count	Method 1.11 based on BS EN ISO BS EN ISO 4833-1:2013+A1:2022
	Coagulase Positive Staphylococci	Method 6.2 based on BS EN ISO 6888-1:2021
	Yeasts and Moulds	Method GMM014 based on BS EN ISO 21527-1:2008

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9659 Accredited to ISO/IEC 17025:2017	Eurofins Food Testing UK Limited Issue No: 027 Issue date: 09 February 2024			
Testing performed at main address only				
Materials/Products tes	sted	Type of test/Properties measured/Range of measurement		Standard specifications/ Equipment/Techniques used
BACTERIAL CULTURES		Microbiological Tests (cont'd)		ocumented In-House Methods ont'd)
Presumptive culture isolate originating from test methor				
<i>Listeria</i> : EUMM3.27 EUMM3.81 Method 16.12		Characterisation and identification of <i>Listeria</i> to species level		
Salmonella: EUMM3.28 EUMM3.83 Method 15.2		Characterisation and identification of <i>Salmonella</i> to genus level		SOP 2.63 identification by Maldi ToF Bruker Microflex

END

Fish species identification

Characterisation and identification of *Campylobacter* genus level

Biological Tests

Campylobacter: Method 17.1

FISH & FISH PRODUCTS

Documented In-House Methods

M159 using gel electrophoresis

(cont'd)