

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2017	MS Laboratories Ltd	
	Issue No: 045 Issue date: 03 March 2023	
	33 Sanders Road Finendon Road Industrial Estate Wellingborough Northants NN8 4NL	Contact: Mr S Shah Tel: +44 (0)1933 276668 Fax: +44 (0)1933 273841 E-Mail: mailbox@mslabs.co.uk Website: www.mslabs.co.uk
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	<u>Chemical Tests</u>	Documented In-House Methods:
	Ash	CTM-03 based on BS 4401:Part 1:1998 ISO 936:1998
	Calculated values – Total Carbohydrate Available Carbohydrates Added water Energy values Lean meat Apparent total meat	CTM-07 by calculation using analytical data
	Dietary Fibre	CTM-11 based on AOAC 991.43
	Total Fat	CTM-06 In house method using acid hydrolysis and solvent extraction
	Fatty acid profile	CTM-12 by GC/FID
	Moisture	CTM-02 based on BS 4401:Part 3:1997 ISO1442:1997
	Nitrogen/Protein	CTM-09 by DUMAS
	Salt content	CTM-04 from chloride determination based on Pearson's Composition and Analysis of Foods - 9th Edition 1991
	Sodium/Salt	CTM-10 using Flame Photometry



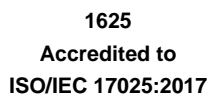
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FOOD AND FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd) Total Sugars: Glucose Galactose Fructose Sucrose Lactose Maltose Water Activity (Aw) <u>Allergen Tests</u>	Documented In-House Methods: CTM-13 by HPLC with RI detection CTM-08 using water activity meter
FOOD AND FOOD PRODUCTS	Quantitative Determination of Gluten	CTM-14 using r-biopharm Ridascreen Gliadin test kit
ENVIRONMENTAL SWABS	<u>Microbiological Tests</u> Enumeration: Presumptive Coliforms Presumptive Enterobacteriaceae <i>Escherichia coli</i> (β -glucuronidase-positive) Coagulase positive Staphylococci, including <i>Staphylococcus aureus</i> Total Aerobic Colony Count Yeasts and Moulds	Documented In-House Methods: MTM-04 based on BS ISO 4832:2006 MTM-10 based on BS ISO 21528-2:2017 MTM-18 based on BS ISO 16649-2:2001 MTM-03 based on BS EN ISO 6888-1:2021 Confirmation by Staphylase and coagulase tests MTM-08 In-House Method using PCA pour plate incubated at 30°C for 48h MTM-26 based on BS ISO 21527-1:2008



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Assessment Manager: JH06

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<p>FOOD AND FOOD PRODUCTS (cont'd) Ready to Eat Foods, Meat and meat products, including raw meat, Herbs and spices and dry ingredients and flavourings and Dairy products, unless specified</p>	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods: (In accordance with ISO-6887 Parts 1-5 special preparation stages as required) (cont'd)
	Enumeration: (cont'd)	
	Presumptive Enterobacteriaceae	MTM-10 based on BS ISO 21528-2:2017
	Presumptive Enterococci	MTM-11 based on BS 4285:Section 3.11:1985
	<i>Escherichia coli</i> (β-glucuronidase-positive)	MTM-18 based on BS ISO 16649-2:2001
	Presumptive Lactic Acid Bacteria	MTM-22 based on BS ISO 15214:1998
	<i>Listeria monocytogenes</i> and <i>Listeria</i> spp	MTM-21 based on BS EN ISO 11290-2:2017
	Presumptive <i>Pseudomonas</i> spp	MTM-23 based on BS EN ISO 13720:2010
	Coagulase positive Staphylococci, including <i>Staphylococcus aureus</i>	MTM-03 based on BS EN ISO 6888-1:2021 Confirmation by Staphylase and coagulase tests
	Total Aerobic Colony Count	MTM-08 based on BS EN ISO 4833-1: 2013+AMD 1:2022 (30°C / 72 h)
	Total Aerobic Colony Count	MTM-08 In-House Method using PCA pour plate incubated at 30°C for 48h
	Yeasts and Moulds	MTM-31 based on AOAC Official Method 2014.05 using 3M Rapid Yeast and Mould Petrifilm – Client Specified
Food products with water activity >0.95	Yeasts and Moulds	MTM-26 based on BS ISO 21527-1:2008
Food products with water activity ≤0.95	Yeasts and Moulds	MTM-27 based on BS ISO 21527-2:2008



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<p>Ready to Eat Foods, Meat and meat products, including raw meat, Herbs and spices and dry ingredients and flavourings Dairy products, and environmental swabs</p>		
<p>Ready to Eat Products including Cooked Meats</p>	<p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp</p>	<p>MTM-29 by VIDAS UP, confirmation by biochemical tests or VITEK2</p>



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WATERS	<u>Microbiological Tests</u>	Documented In-House Methods:
Drinking water and recreational waters (man made)	Detection: Coliforms and β -glucuronidase-positive <i>Escherichia coli</i>	MTM-16 using IDEXX Colilert system
Drinking water	Enumeration: Total Aerobic Colony Count at 22 °C and 37 °C	MTM-15 based on The Microbiology of Drinking Water Part 7 2020
Recreational waters (man made)	Total Aerobic Colony Count	MTM-15 using YEA pour plate incubated at 37°C for 24h
Drinking water, Recreational waters (man made)	Presumptive <i>Clostridium perfringens</i>	MTM-35 based on The Microbiology of Drinking Water Part 6 2021
Drinking water	Presumptive Enterococci	MTM-36 based on The Microbiology of Drinking Water Part 5 2012
Drinking water, Recreational waters (man made)	Presumptive <i>Pseudomonas aeruginosa</i>	MTM-34 based on The Microbiology of Drinking Water Part 8 2015
END		