

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>1625</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>MS Laboratories Ltd</p> <p>Issue No: 051 Issue date: 07 August 2025</p>	
	<p>33 Sanders Road Finedon Road Industrial Estate Wellingborough Northants NN8 4NL</p>	<p>Contact: Mr S Shah Tel: +44 (0)1933 276668 E-Mail: mailbox@msslabs.co.uk Website: www.msslabs.co.uk</p>
<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	<p><u>Chemical Tests</u></p> <p>Ash</p> <p>Calculated values – Total Carbohydrate Available Carbohydrates Added water Energy values Lean meat Apparent total meat</p> <p>Dietary Fibre</p> <p>Total Fat</p> <p>Fatty acid profile: Saturated Monounsaturated Polyunsaturated Trans fatty acids</p> <p>Moisture</p> <p>Nitrogen/Protein</p> <p>Salt Content</p>	<p>Documented In-House Methods:</p> <p>CTM-03 based on BS 4401:Part 1:1998 ISO 936:1998</p> <p>CTM-07 by calculation using analytical data</p> <p>CTM-11 based on AOAC 991.43</p> <p>CTM-06 In house method using acid hydrolysis and solvent extraction</p> <p>CTM-12 by GC/FID</p> <p>CTM-02 by direct drying based on BS ISO 1442:2023</p> <p>CTM-09 by DUMAS</p> <p>CTM-04 from chloride determination based on Pearson's Composition and Analysis of Foods - 9th Edition 1991</p>



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FOOD AND FOOD PRODUCTS (cont'd)	<u>Chemical Tests (cont'd)</u> Sodium/Salt Total Sugars: Glucose Galactose Fructose Sucrose Lactose Maltose Water Activity (Aw)	Documented In-House Methods: CTM-10 using Flame Photometry CTM-13 by HPLC with RI detection CTM-08 using water activity meter
FOOD, FOOD PRODUCTS AND SWABS	<u>Allergen Tests</u> Quantitative Determination of Gluten Quantitative Determination of Casein Quantitative Determination of β -lactoglobulin Quantitative Determination of Egg Allergen Quantitative Determination/ Detection	CTM-14 using R-Biopharm RIDASCREEN Gliadin test kit CTM-15 using R-Biopharm RIDASCREEN FAST Casein test kit CTM-16 using R-Biopharm RIDASCREEN FAST β -Lactoglobulin test kit CTM-17 using R-Biopharm RIDASCREEN Egg test kit Generic Procedure MSLM-01 to support the determination of additional allergens using commercial immunoassay (ELISA) kits and flexible scope process



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ENVIRONMENTAL SWABS	<p><u>Microbiological Tests</u></p> <p>Enumeration:</p> <p>Presumptive Coliforms</p> <p>Presumptive Enterobacteriaceae</p> <p><i>Escherichia coli</i> (β-glucuronidase-positive)</p> <p>Coagulase positive Staphylococci, including <i>Staphylococcus aureus</i></p> <p>Total Aerobic Colony Count</p> <p>Yeasts and Moulds</p> <p>Detection:</p> <p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp</p>	<p>Documented In-House Methods:</p> <p>MTM-04 based on BS ISO 4832:2006</p> <p>MTM-10 based on BS ISO 21528-2:2017</p> <p>MTM-18 based on BS ISO 16649-2:2001</p> <p>MTM-03 based on BS EN ISO 6888-1:2021 + Amd 1:2023 Confirmation by Staphylase and coagulase tests</p> <p>MTM-08 In-House Method using PCA pour plate incubated at 30oC for 48h</p> <p>MTM-26 based on BS ISO 21527-1:2008</p> <p>1) MTM-09 based on BS EN ISO 11290-1:2017 confirmation by biochemical tests or VITEK2</p> <p>2) MTM-29 by VIDAS UP confirmation by biochemical tests or VITEK2</p> <p>3) MTM-38 using Less Plus Broth selective enrichment and Pinnacle LCA with confirmation by biochemical tests or VITEK2</p>



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ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological Tests</u> (cont'd) Detection: <i>Salmonella</i> spp	Documented In-House Methods: 1) MTM-01 based on BS EN ISO 6579-1:2017+A1 2020 confirmation by biochemical tests and serology or VITEK2 2) MTM-28 by VIDAS UP confirmation by biochemical tests and serology or VITEK2
FOOD AND FOOD PRODUCTS Ready to Eat Foods, Meat and meat products, including raw meat, Herbs and spices and dry ingredients and flavourings and Dairy products, unless specified	<u>Microbiological Tests</u> Enumeration: Presumptive <i>Bacillus cereus</i> Presumptive <i>Clostridium perfringens</i> Presumptive Coliforms Presumptive Enterobacteriaceae Presumptive Enterococci <i>Escherichia coli</i> (β-glucuronidase-positive) Presumptive Lactic Acid Bacteria <i>Listeria monocytogenes</i> and <i>Listeria</i> spp Presumptive <i>Pseudomonas</i> spp	Documented In-House Methods: (In accordance with ISO-6887 Parts 1-5 special preparation stages as required) MTM-37 based on BS EN ISO 7932:2004 +A1 2020 MTM-06 based on BS EN ISO 15213-2:2023 MTM-04 based on BS ISO 4832:2006 MTM-10 based on BS ISO 21528-2:2017 MTM-11 based on BS 4285: Section 3.11:1985 MTM-18 based on BS ISO 16649-2:2001 MTM-22 based on BS ISO 15214:1998 MTM-21 based on BS EN ISO 11290-2:2017 MTM-23 based on BS EN ISO 13720:2010



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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>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration:(cont'd)</p> <p>Coagulase positive Staphylococci, including <i>Staphylococcus aureus</i></p> <p>Total Aerobic Colony Count</p> <p>Total Aerobic Colony Count</p>	<p>Documented In-House Methods: (In accordance with ISO-6887 Parts 1-5 special preparation stages as required) (cont'd)</p> <p>MTM-03 based on BS EN ISO 6888-1:2021 + Amd 1:2023 Confirmation by Staphylase and coagulase tests</p> <p>MTM-08 based on BS EN ISO 4833-1: 2013+AMD 1:2022 (30°C / 72 h)</p> <p>MTM-08 In-House Method using PCA pour plate incubated at 30°C for 48h</p>
<p>Food products with water activity >0.95</p> <p>Food products with water activity ≤0.95</p>	<p>Yeasts and Moulds</p> <p>Yeasts and Moulds</p> <p>Yeasts and Moulds</p> <p>Detection:</p> <p><i>Escherichia coli</i></p> <p><i>Escherichia coli</i> O157</p>	<p>MTM-31 based on AOAC Official Method 2014.05 using 3M Rapid Yeast and Mould Petrifilm – Client Specified</p> <p>MTM-26 based on BS ISO 21527-1:2008</p> <p>MTM-27 based on BS ISO 21527-2:2008</p> <p>MTM-14 based on BS ISO 7251:2005 + Amd 1:2023</p> <p>MTM-30 by VIDAS UP</p>



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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> <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><u>Microbiological Tests (cont'd)</u></p> <p>Detection:(cont'd)</p> <p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp</p> <p><i>Salmonella</i> spp</p> <p><i>Listeria monocytogenes</i> and <i>Listeria</i> spp</p>	<p>Documented In-House Methods: (In accordance with ISO-6887 Parts 1-5 special preparation stages as required) (cont'd)</p> <p>1) MTM-09 based on BS EN ISO 11290-1:2017 confirmation by biochemical tests or VITEK2</p> <p>2) MTM-38 using Less Plus Broth selective enrichment and Pinnacle LCA with confirmation by biochemical tests or VITEK2</p> <p>1) MTM-01 based on BS EN ISO 6579-1:2017 +A1:2020 confirmation by biochemical tests and serology or VITEK2</p> <p>2) MTM-28 by VIDAS UP confirmation by biochemical tests and serology or VITEK2</p> <p>3) MTM-40 using BPW HQ + OBOP-S supplement and CASE selective media, confirmation by Oxoid Latex kit and VITEK 2 (MTM-32)</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		