

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	Microsearch Laboratories Limited	
	Issue No: 052	Issue date: 28 August 2018
	Unit 1B & 11 Moderna Business Park Moderna Way Mytholmroyd Hebden Bridge West Yorkshire HX7 5QQ	Contact: Mrs W Ingham Tel: +44 (0)1422 885087 Fax: +44 (0)1422 883721 E-Mail: wendy@micro-search.co.uk Website: www.micro-search.co.uk
Testing performed by the Organisation at the locations specified		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address</p> Unit 1B Moderna Business Park Moderna Way Mytholmroyd Hebden Bridge West Yorkshire HX7 5QQ	<p>Local contacts</p> Mr Jamie Simmonds (Chemistry) Tel: 01422 885 087 E-Mail: Chemistry@micro-search.co.uk Mr Chris Buchan (Allergens) Tel: 01422 885 087 E-Mail: Chris@micro-search.co.uk Ms Sarah Mills (Molecular Biology) Tel: 01422 885 087 E-Mail: SarahMills@micro-search.co.uk	Chemistry Allergens Molecular Biology A
<p>Address</p> Unit 11 Moderna Business Park Moderna Way Mytholmroyd Hebden Bridge West Yorkshire HX7 5QQ	<p>Local contact</p> Mrs Wendy Ingham Tel: 01422 885 087 E-Mail: Wendy@micro-search.co.uk	Microbiology B



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS FOODS AND FOOD PRODUCTS, SETTLE PLATES and RINSE WATERS from food contact surfaces	<u>Chemical Tests</u>	Documented In-House Methods	
	Unspecified Allergen Detection	Generic procedures MBP 4030 and 4030A to support the detection of additional allergens using commercial Immunoassay (ELISA) kits and flexible scope process.	A
	Specified Allergen Detection:	Generic procedures MBP4016 and MBP4025 for extraction methods used in conjunction with determinant method:	A
	- Almond	MBP 4018 ELISA immunoassay using R-Biopharm kit	A
	- β -lactoglobulin	MBP 4028 ELISA immunoassay using R- Biopharm kit	A
	- Casein 0.5-13.5ppm	MBP 4015 ELISA immunoassay using R-Biopharm kit	A
	- Cashew	MBP 4039 ELISA immunoassay using Biocheck kit	A
	- Egg White	MBP 4017 ELISA immunoassay using R-Biopharm kit	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS FOODS AND FOOD PRODUCTS, SETTLE PLATES and RINSE WATERS from food contact surfaces (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
	Specified Allergen Detection:	Generic procedures MBP4016 and MBP4025 for extraction methods used in conjunction with determinant method:	A
	- Fish (as cod)	MBP4056 ELISA immunoassay using Biocheck Kit	A
	- Gluten > 3 ppm	MBP 4013 ELISA immunoassay using R-Biopharm kit	A
	- Hazel Nut	MBP 4021 ELISA immunoassay using R-Biopharm kit	A
	- Milk Protein	MBP 4041 ELISA immunoassay using R-Biopharm kit	A
	- Mustard	MBP 4020 ELISA immunoassay using R-Biopharm kit	A
	- Peanut	MBP 4014 ELISA immunoassay using R-Biopharm kit	A
- Pistachio	MBP 4035 ELISA immunoassay using Biocheck kit	A	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS FOODS AND FOOD PRODUCTS, SETTLE PLATES and RINSE WATERS from food contact surfaces (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
	Specified Allergen Detection:	Generic procedures MBP4016 and MBP4025 for extraction methods used in conjunction with determinant method:	A
	- Sesame	MBP 4055 ELISA immunoassay using R-Biopharm kit	A
	- Shellfish	MBP 4029 ELISA immunoassay using R-Biopharm Ridascreen FAST Crustacean.	A
	- Soya Protein	1) MBP 4019 ELISA immunoassay using Neogen Veratox kit 2) MBP 4054 ELISA immunoassay using R-Biopharm kit	A
- Walnut	MBP 4057 ELISA immunoassay using Biocheck kit	A	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
	Specified Allergen Detection:	Generic procedures	A
	- Gluten > 10 ppm	MBP4016 for extraction method used in conjunction with determinant method:	
Fermented and Hydrolysed Foods	- Gluten > 10 ppm	MBP 4058 ELISA immunoassay using R-Biopharm kit	A
Fish and Fish Products	- Histamine	MBP 4023 ELISA immunoassay using R-Biopharm kit	
FOODS AND FOOD PRODUCTS General unless otherwise specified	<u>Chemical Tests</u>	Documented In-House Methods	
	Acidity	CH 4050 based on Pearson's 9 th Edition: titration	A
	Aflatoxins	CH 4027 by HPLC using R-Biopharm kit	A
	Ash	CH 4006 based on BS 4401:Part 1:1998	A
	Available Water	CH 4012 using Novatron water activity meter	A
	Dietary Fibre	CH 4009 based on AOAC 985.29 1986	A
	Fat (Total)	CH 4005 based on BS 4401:Part 4:1970	A
	Fat (free)	CH 4022 using solvent extraction	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
Meat, Bakery products, juices, smoothies	Fat (by acid hydrolysis)	CH 4031 based on BS 4401:Part 4:1970	A
	Fat	CH 4052 using MQC nuclear magnetic resonance (NMR) fat analyser	A
	Fatty Acid Profile	CH 4029/4030 based on ISO 12966-1:2014 and ISO 12966-4:2015	A
	Free Fatty Acids	CH 4007 based on Pearsons 9 th Edition by titration	A
	Hydroxyproline	CH 4060 based on BS 4401:Part 11:1995	A
	Moisture	CH 4021 based on BS 4401:Part 3:1997 (without sand)	A
	Moisture	CH 4004 based on BS 4401:Part 3:1997 (with sand)	A
Meat and Meat Products (including brine, but excluding low MRL of 10mg/kg)	Moisture	CH 4026 based on BS 5766:Part 8:1999 using vacuum oven	A
	Nitrate	CH 4018 using aqueous extraction with HPLC/UV detection	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
Meat and Meat Products (including brine) Including milk and milk products	Nitrite	CH 4001 based on BS EN 12014-3:2005 using spectrophotometry	A
	Nitrogen	CH 4003 based on BS 4401:Part 2:1980	A
	Ochratoxin	CH 4038 by HPLC using R-Biopharm kit	A
	Patulin	CH 4032 based on BS EN ISO 15890-2010 using HPLC	A
	Peroxide Value	CH 4002 based on BS EN ISO 03960-2017 by titration	A
	pH	CH 4015 using a pH meter	A
	Phosphorous	CH 4047 using spectrophotometry	A
	Potassium	CH 4046 using flame photometry	A
	Protein	CH 4028 based on BS EN ISO 14891:2002 using DUMAS	A
Salt	CH 4010 based on Pearson's 9 th Edition: titration	A	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
	Starch Content	CH 4033 based on AOAC 996.11 using spectrophotometry	A
	Sodium	CH 4011 based on EEC/71/250 using flame photometry	A
	Total Sugars	CH 4034 using aqueous extraction and HPLC	A
(excluding cabbage, dried garlic, dried onions, ginger, leeks and soy proteins)	Sulphur dioxide (SO ₂)	CH 4014 based on BS EN 1988-1:1998	A
Meat and meat products	Species identification (qualitative-LOD 1%) (beef, pork, poultry, sheep, horse)	MBP 4040 ELISA immunoassay using ELISA Tek Kit.	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Chemical Tests (Cont'd)</u>	Documented In-House Methods	
	Calculated Values - Carbohydrate by difference - Energy - Salt: estimated from sodium - Starch by difference - Total Solids	CH 4905 by calculation from analytical data	A
Meat and Meat Products	Calculated Values - Added Water - Collagen - Collagen: Protein Ratio - Excess Connective Tissue - Excess Fat - Fat Free Meat - Maximum QUIDable Meat Content - Meat content	CH 4905 by calculation from analytical data	A
FOOD, FOOD PRODUCTS and BEVERAGES (non-alcoholic)	Vitamin C	CH 4039 In house method using HPLC	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ANIMAL FEEDINGSTUFFS (Cont'd) Including petfood	<u>Microbiological Tests (Cont'd)</u> Enterobacteriaceae, presumptive & confirmed	Documented In-House Methods 1) TP 4103 based on BS ISO 21528-2:2017 2) TP 4161 based on BS ISO 21528-2:2017 In accordance with The Animal By-Products (Enforcement) (England) Regulations 2011 and The Animal By-Products (Enforcement) (Scotland) Regulations 2011	B B
ENVIRONMENTAL SWABS (Primary production stage swabs and caeca)	<u>Microbiological Tests</u> Detection: <i>Campylobacter</i> spp <i>Salmonella</i> spp, confirmed Identified to group level <i>Salmonella</i> spp (motile), confirmed Identified to group level <i>Listeria</i> spp including <i>Listeria monocytogenes</i> , confirmed	Documented In-House Methods TP 4128 based on BS EN ISO 10272-1:2017 TP 4119 based on EN ISO 6579-1:2017 Confirmation using biomerieux API 20E and serology TP 4120 based on AOAC 993.07 (1993) TP 4141 using selective enrichment and ALOA agar with confirmation using Microgen biochemical profiling	B B B B



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS (Cont'd)	<u>Microbiological Tests (Cont'd)</u>	Documented In-House Methods	
	Detection: (Cont'd)		
	<i>Listeria spp</i> including <i>Listeria monocytogenes</i> confirmed	TP 4151 based on ISO 11290-1:2017 Confirmation using Microgen biochemical profiling	B
	<i>Escherichia coli</i> (Beta glucuronidase positive)	TP 4122 using single enrichment and confirmation with TBX	B
	<i>Escherichia coli</i> O157 (presumptive)	TP 4131 using selective enrichment and IMS based on BS EN ISO 16654:2001+A1 2017	B
	Enumeration:		
	<i>Bacillus cereus</i> , presumptive	TP 4108 based on BS EN ISO 7932:2004	B
	<i>Campylobacter spp</i>	TP 4138 based on BS EN ISO 10272-2:2017	B
	Coliforms, presumptive	TP 4102 based on BS ISO 4832:2006	B
<i>Clostridium perfringens</i> , confirmed	TP 4105 based on BS EN ISO 7937:2004	B	
Enterobacteriaceae, presumptive	TP 4103 based on BS ISO 21528-2:2017	B	
<i>Escherichia coli</i> (Beta glucuronidase positive)	1) TP 4133 based on BS ISO 16649-2:2001 using TBX agar	B	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS (Cont'd)	<u>Microbiological Tests (Cont'd)</u>	Documented In-House Methods	
	Enumeration (Cont'd)		
	<i>Escherichia coli</i> (Beta glucuronidase positive)	2) MS4001 MS 4001 using membranes based on BS ISO 16649-1:2001	B
		3) TP 4167 based on AOAC 998.08 using Petrifilm	B
	Faecal streptococci, presumptive	TP 4107 using Kanamycin Aesculin Agar pour plate	B
	Lactic acid bacteria, presumptive	TP 4114 based on BS ISO 15214:1998	B
	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , confirmed	TP 4152 based on ISO 11290-2:2017 Confirmation using Microgen biochemical profiling	B
	Moulds	TP4109 based on BS ISO 21527-1:2008	B
	<i>Pseudomonas</i> spp, presumptive	TP4115 based on ISO 13720:2010	B
	Coagulase positive staphylococci including <i>Staphylococcus aureus</i> , confirmed	TP 4106 based on ISO 6888-1:1999	B
Total aerobic colony count at 30 °C	1) TP 4100 based on BS EN ISO 4833-1:2013	B	
Yeasts	TP4109 based on BS ISO 21527-1:2008	B	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified	<u>Microbiological Tests</u>	Documented In-House Methods:	
	Detection:		
	<i>Campylobacter</i> spp	TP 4128 based on BS EN ISO 10272-1:2017	B
	<i>Salmonella</i> spp, confirmed Identified to group level	TP 4119 based on EN ISO 6579-1:2017	B
	<i>Listeria</i> spp, including <i>Listeria monocytogenes</i> confirmed	TP 4151 based on ISO 11290-1:2017 Confirmation using Microgen biochemical profiling	B
	<i>Escherichia coli</i> (Beta glucuronidase positive)	TP 4122 using single enrichment and confirmation with TBX	B
	<i>Escherichia coli</i> O157 (presumptive)	TP 4131 using selective enrichment and IMS based on BS EN ISO 16654:2001+ A1 2017	B
	<i>Escherichia coli</i> O157 (presumptive)	TP 4158 based on AOAC 2000.14 (Singlepath E coli O157 GLISA)	B
<i>Salmonella</i> spp (motile), confirmed Identified to group level	TP 4120 based on AOAC 993.07 (1993)	B	
<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , confirmed	TP 4141 using selective enrichment and ALOA agar with confirmation using Microgen biochemical profiling	B	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Detection: (cont'd)		
	<i>Vibrio cholera</i> , <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i>	TP 4104 based on BS EN ISO 21872-1:2017	B
Starch, Food Supplements, Infant Formula, Milk Powder	<i>Cronobacter spp.</i>	TP 4118 based on BS EN ISO 22964:2017	B
Milk Powders, Chocolate Sauce, Protein Powders and Vitamin Premixes	Enterobacteriaceae	TP4164 using Single or Double Strength BPW enrichment with plating onto VRBGA, confirmation using OF medium and Oxidase	B
	Enumeration:		
	Anaerobic Colony Count	TP 4101 using RCA at 30°C	B
	Anaerobic Sulphite-Reducing bacteria	TP 4117 based on BS ISO 15213:2003	B
	<i>Bacillus cereus</i> , presumptive	TP 4108 based on BS EN ISO 7932:2004	B
	<i>Campylobacter spp</i>	TP 4138 based on DD BS EN ISO 10272-2:2017	B
	<i>Clostridium perfringens</i> , confirmed	TP 4105 based on BS EN ISO 7937:2004	B
	Coliforms, presumptive	1) TP 4102 based on BS ISO 4832:2006 incubated at 37 °C	B



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Enumeration: (cont'd)		
	Coliforms, presumptive	2) TP 4146 based on BS ISO 4832:2006 using spiral plate technology incubated at 37 °C	B
	Enterobacteriaceae, presumptive	1) TP 4103 based on BS ISO 21528-2:2017	B
	Enterobacteriaceae, presumptive	2) TP 4147 based on BS ISO 21528-2:2017 using spiral plate technology	B
	<i>Escherichia coli</i> (Beta glucuronidase positive)	1) TP 4133 based on BS ISO 16649-2:2001 using TBX agar	B
		2) MS 4001 using membranes based on BS ISO 16649-1:2001	B
		3) TP 4167 based on AOAC 998.08 using Petrifilm	B
	Faecal streptococci, presumptive	TP 4107 using Kanamycin Aesculin Agar using pour plate	B
	Lactic acid bacteria, presumptive	1) TP 4114 based on BS ISO 15214:1998	B
2) TP 4149 based on BS ISO 15214:1998 using spiral plate technology		B	



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 **Issue date:** 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
	Enumeration: (cont'd)		
	<i>Listeria</i> spp including <i>Listeria monocytogenes</i> , confirmed	TP 4152 based on ISO 11290-2:2017 Confirmation using Microgen biochemical profiling	B
	Mesophilic aerobic spores	TP4155 customer defined method using pour plate technique with Plate count agar or plate count with milk agar following initial heat-treatment at 80°C. Incubation at 30°C for 72hours in aerobic conditions	B
	Mesophilic anaerobic spores	TP4156 customer defined method using pour plate technique with Reinforced Clostridial agar following initial heat-treatment at 80°C. Incubation at 30°C for 72hours in anaerobic conditions	B
for products with Aw >0.95	Moulds	TP4109 based on BS ISO 21527-1:2008	B
for products with Aw ≤0.95	Moulds	TP4112 based on BS ISO 21527-2:2008	B
	<i>Pseudomonas</i> spp, presumptive and/or confirmed	1) TP 4115 based on ISO 13720:2010	B
		2) TP 4150 based on ISO 13720:2010 using spiral plate technology	B



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)</p> <p>including milk and ice cream products</p> <p>meat & meat products and milk & ice cream products</p> <p>including meat and meat products</p> <p>meats and meat products</p> <p>for products containing small particles</p> <p>Chocolate and cocoa products</p> <p>for products with Aw >0.95</p> <p>for products with Aw ≤0.95</p>	<p><u>Microbiological Tests</u> (cont'd)</p> <p>Enumeration: (cont'd)</p> <p>Coagulase positive staphylococci including <i>Staphylococcus aureus</i>, confirmed</p> <p>Total aerobic colony count at 30 °C</p> <p>Yeasts</p> <p>Yeasts</p>	<p>Documented In-House Methods:</p> <p>TP 4106 based on ISO 6888-1:1999</p> <p>1) TP 4100 based on BS EN ISO 4833-1:2013</p> <p>2) TP 4110 a pour plate method using Plate count agar at 30°C for 48hrs</p> <p>4) TP 4145 based on BS EN ISO 4833-2:2013</p> <p>5) TP 4153 a surface spread plate method using Plate count agar at 30°C for 48hrs with spiral plate technology</p> <p>6) TP 4165 based on BS EN ISO 4833-2:2013</p> <p>7) TP4170 pour plate method using Plate count agar at 37°C for 48hrs</p> <p>1) TP4109 based on BS ISO 21527-1:2008</p> <p>2) TP4148 based on BS ISO 21527-1:2008 using spiral plating</p> <p>TP4112 based on BS ISO 21527-2:2008</p>	<p>B</p> <p>B</p> <p>B</p> <p>B</p> <p>B</p> <p>B</p> <p>B</p> <p>B</p> <p>B</p>



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS Drinking	<u>Microbiological Tests</u>	Documented In-House Methods:	
	Enumeration: Total colony count at 22 °C and 37 °C	TP 4135 using yeast extract agar based on 'The Microbiology of Drinking Water, Part 7A (2012)'	B
	Enumeration & Detection: <i>Coliforms and Escherichia coli</i>	TP 4136 using enumeration by Quantitray (IDEXX) based on The Microbiology of Drinking Water, Part 4D 2016	B
	<i>Clostridium perfringens</i> and sulphite reducing clostridia	TP 4143 based on The Microbiology of Drinking Water, Part 6 2015	B
	Enterococci	TP 4137 based on 'The Microbiology of Drinking Water, Part 5A (2012)'	B
	<i>Pseudomonas aeruginosa</i>	TP 4116 based on The Microbiology of Drinking Water, Part 8B 2015	B



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS	<u>Molecular Biology Tests</u>	Documented In-House Methods	
	Detection of: <i>Escherichia coli</i> O157:H7 eae DNA sequence	MBP 4204 by real-time PCR using the R-Biopharm Congen SureFast <i>Escherichia coli</i> "eae" gene Plus Kit following primary enrichment in modified Tryptone Soya Broth with Novobiocin. Confirmation of Cultural Organisms using method TP4131	A
	<i>Salmonella</i> species DNA	MBP 4202 by real-time PCR using the R-Biopharm Congen SureFood <i>Salmonella</i> Plus Kit following primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4119	A
	<i>Salmonella</i> species "invA" target gene	MPB 4401 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System, <i>Salmonella</i> Assay 2 Kit with primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4119.	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS (Cont'd)	<u>Molecular Biology Tests</u> (Cont'd)	Documented In-House Methods	
	<i>Listeria</i> species DNA	MBP 4203 by real-time PCR using the R-Biopharm Congen SureFast <i>Listeria</i> Screening Plus Kit following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151	A
	<i>Listeria</i> species 23S rRNA	MBP 4402 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System <i>Listeria</i> Assay 2 Kit, following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151.	A
	<i>Listeria monocytogenes</i> DNA	MBP 4208 by real-time PCR using the R-Biopharm Congen SureFast <i>Listeria monocytogenes</i> Plus Kit following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SWABS (Cont'd)	<u>Molecular Biology Tests</u> (Cont'd)	Documented In-House Methods	
	<i>Listeria monocytogenes</i> 23S rRNA	MBP 4403 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System <i>Listeria monocytogenes</i> Assay 2 Kit, following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151.	A
	Thermotolerant <i>Campylobacter</i> species DNA	MBP 4209 by real-time PCR using the R-Biopharm Congen SureFast <i>Campylobacter</i> Plus Kit following selective enrichment in Bolton Broth . Confirmation of Cultural Organisms using method TP4128	A
	<i>Cronobacter</i> DNA	MBP 4205 by real-time PCR using the R-Biopharm Congen SureFast <i>Cronobacter</i> Plus Kit following primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4118	A
	<i>Clostridium estertheticum</i> DNA	MBP 4201 by real-time PCR using the R-Biopharm Congen SureFast <i>Clostridium estertheticum</i> Plus Kit following selective enrichment in PYGS broth	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified	<u>Molecular Biology Tests</u> Detection of: <i>Escherichia coli</i> O157:H7 eae DNA sequence	Documented In-House Methods MBP 4204 by real-time PCR using the R-Biopharm Congen SureFast Escherichia coli "eae" gene Plus Kit following primary enrichment in modified Tryptone Soya Broth with Novobiocin. Confirmation of Cultural Organisms using method TP4131	A
	<i>Salmonella</i> species DNA	MBP 4202 by real-time PCR using the R-Biopharm Congen SureFood Salmonella Plus Kit following primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4119	A
	<i>Salmonella</i> species "invA" target gene	MPB 4401 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System, <i>Salmonella</i> Assay 2 Kit with primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4119.	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Molecular Biology Tests (Cont'd)</u> Detection of: (cont'd) <i>Listeria species DNA</i>	Documented In-House Methods MBP 4203 by real-time PCR using the R-Biopharm Congen SureFast Listeria Screening Plus Kit following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151	A
	<i>Listeria species 23S rRNA</i>	MBP 4402 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System Listeria Assay 2 Kit, following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151.	A
	<i>Listeria monocytogenes DNA</i>	MBP 4208 by real-time PCR using the R-Biopharm Congen SureFast Listeria monocytogenes Plus Kit following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (Cont'd)	<u>Molecular Biology Tests (Cont'd)</u>	Documented In-House Methods	
	Detection of: (cont'd)		
	<i>Listeria monocytogenes</i> 23S rRNA	MBP 4403 by Loop Mediated Isothermal Amplification using the 3M Molecular Detection System <i>Listeria monocytogenes</i> Assay 2 Kit, following selective enrichment in Half Fraser Broth. Confirmation of Cultural Organisms using method TP4151.	A
	Thermotolerant <i>Campylobacter</i> species DNA	MBP 4209 by real-time PCR using the R-Biopharm Congen SureFast <i>Campylobacter</i> Plus Kit following selective enrichment in Bolton Broth . Confirmation of Cultural Organisms using method TP4128	A
Spoiled Vacuum Packed Raw Meat Primals	<i>Clostridium estertheticum</i> DNA	MBP 4201 by real-time PCR using the R-Biopharm Congen SureFast <i>Clostridium estertheticum</i> Plus Kit following selective enrichment in PYGS broth	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)	<u>Molecular Biology tests</u> (cont'd)	Documented In-House Methods	
Dairy products, infant feeds and components	Detection of: (cont'd) <i>Cronobacter</i> DNA	MBP 4205 by real-time PCR using the R-Biopharm Congen SureFast Cronobacter Plus Kit following primary enrichment in Buffered Peptone Water. Confirmation of Cultural Organisms using method TP4118	A
Foods and Food Products General unless otherwise specified	<u>Molecular Biology tests</u>	Documented In-House Methods	
	Determination of celery DNA	MBP4101 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Celery ID S3105 with Roche LightCycler 96	A
	Determination of Fish DNA	MBP4113 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Fish ID S3110 with Roche LightCycler 96	A
	Determination Mollusc DNA	MBP4104 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Mollusc ID S31143 with Roche LightCycler 96	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOODS AND FOOD PRODUCTS General unless otherwise specified (cont'd)	<u>Molecular Biology tests</u> (cont'd)	Documented In-House Methods	
	Determination of Mustard DNA	MBP4107 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen SureFood Kit with Roche LightCycler 96	A
	Determination of Peanut DNA	MBP4102 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen SureFood Kit with Roche LightCycler 96	A
	Determination of Soya DNA	MBP4109 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Soya ID S3101 with Roche LightCycler 96	A
ENVIRONMENTAL SAMPLES Swabs, rinse waters and settle plates	Detection of celery DNA	MBP4101 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Celery ID S3105 with Roche LightCycler 96	A
	Detection of Fish DNA	MBP4113 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Fish ID S3110 with Roche LightCycler 96	A



Accredited to
ISO/IEC 17025:2005

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Microsearch Laboratories Limited
Issue No: 052 Issue date: 28 August 2018

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ENVIRONMENTAL SAMPLES Swabs, rinse waters and settle plates (Cont'd)	<u>Molecular Biology tests</u> (cont'd)	Documented In-House Methods	
	Detection of Mollusc DNA	MBP4104 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Mollusc ID S3113 with Roche LightCycler 96	A
	Detection of Soya DNA	MBP4109 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen Kit Surefood Soya ID S3101 with Roche LightCycler 96	A
Food & Food Products and Swabs	Qualitative determination of animal Species (0.1% LOD): Cow, Pig, Sheep, Chicken, Horse, Turkey, Goat, Poultry and Ruminant, Fallow Deer, Fish, Water Buffalo, Duck)	MBP4501 by DNA extraction using MBP4500 Thermo Fisher GMO Extraction kit and Thermo Fisher RapidFinder Kits and Roche LightCycler 96	A
Food & Feed	GMO Screen	MBP4110 by DNA extraction method MBP4100 using SureFood Prep Advanced Kit and Congen SureFood Kit using SureFood GMO Screen 4plex 35S/NOS/FMV + IAC and GMO Screen 4plex BAR/NPTII/PAT/CTP2:CP4 EPSPS & LightCycler96	A

END