

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>1946</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Minton, Treharne &amp; Davies Ltd</b>	
	Issue No: 041 Issue date: 23 December 2022	
	<b>Forest Farm Industrial Estate</b> <b>Longwood Drive</b> <b>Whitchurch</b> <b>Cardiff</b> <b>CF14 7HY</b>	<b>Contact: John Robinson</b> <b>Tel: +44 (0) 2920 540 000</b> <b>E-Mail: MTDlab@minton.co.uk</b> <b>Karen.mayne@minton.co.uk</b> <b>Website: www.minton.group</b>
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
<b>Address</b> Forest Farm Industrial Estate Longwood Drive Whitchurch Cardiff CF14 7HY  <b>Local contact</b> John Robinson Tel: +44 (0)2920 540 000 E-Mail: MTDlab@minton.co.uk; Karen.mayne@minton.co.uk Website: www.minton.group	<u>Testing</u> Chemical Microbiological Physical  <u>Support Functions</u> Quality Management	A
<b>Address</b> Unit 1 Llwyn-yr-Eos Parc Menter Cross Hands Llanelli Carmarthenshire SA14 6RA  <b>Local contact</b> Karen Mayne Tel: +44 (0)2920 540 000 E-Mail: MTDlab@minton.co.uk Karen.mayne@minton.co.uk Website: www.minton.group	<u>Sample Drop off Point</u>	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FOOD and FOOD PRODUCTS (general unless specified)	<u>Chemical Tests</u>	Documented In-House Methods identified by HJE/XXXX	A
	Generic protocol for the development of methods of analysis	Methods developed under the generic protocol (flexible scope) using the techniques of gas chromatography, high performance liquid chromatography, UV-VIS spectroscopy, enzyme linked immunoassay (ELISA) microscopy, titrimetry and gravimetry, HJE/IH/030	
	Ash	HJE/F013 by furnace	
	Fat	HJE/F015 using Acid Hydrolysis	
	Moisture	HJE/F014 by oven drying	
	Nitrogen and Crude Protein	HJE/F004 by Kjeldahl	
	Nitrogen and Crude Protein	HJE/F030 by Dumas combustion	
	Calculation of carbohydrate content	HJE/C001 by difference	
	Phosphorus	HJE/F019 by visible Spectroscopy	
	Sulphur Dioxide	HJE/F031 by Iodine titrimetry	
Wines, Beer and Low Alcohol Drinks (including alcohol free products)	Sugars: fructose, dextrose, sucrose, maltose and lactose	HJE/F024 by HPLC with RI detector	A
	Alcoholic Content	HJE/F032 by Gas Chromatography	
	Spirits	Alcoholic strength HJE/F026 by pyknometer	



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FOOD and FOOD PRODUCTS (general unless specified) (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by HJE/XXXX	
Dairy Products	Acidity of Liquid Milk	HJE/F012 by titration	A
	Fat Content of Cream	HJE/F020 by Rose Gottlieb	A
	Total Solids Content of Cream	HJE/F027 by oven drying	A
Herbs, Spices and Other Vegetable Materials	Microscopical examination and identification	HJE/F017 using optical microscopy	A
Meat and Meat Products	Hydroxyproline	HJE/F016 based on BS 4401 Part 11:1995	A
	Nitrite	HJE/F018 based on BS 4401 Part 8 :1976	A
	Soya Protein Content	HJE/F008 by ELISA using Neogen Veratox Soya Test Kit	A
	Total Volatile Nitrogen	HJE/F021 by distillation followed by titration	A
	Calculation of collagen, dry connective tissue and meat content	HJE/C002	A
Oils and Fats	Free Fatty Acids and Peroxide Value	HJE/F025 by titration	A
Soft Drinks	Aspartame, Acesulfame K, Saccharin, Benzoic Acid, Sorbic Acid and Caffeine	HJE/F009 using HPLC	A
	Artificial colouring matter: Sunset yellow FCF	HJE/F005 (quantification) by HPLC with visible spectrometer detector	A
	Sucralose	HJE/F033 HPLC with RI detector	A
Cereals and Cereal Products	Moisture	HJE/A007 based on BS EN ISO 712:2009 by oven Drying	A



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FOOD and FOOD Products (general unless specified) (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by HJE/XXXX	
Cereals and Pulses	Nitrogen and Crude Protein	HJE/F004 based on BS EN ISO 20483:2013 by Kjeldahl	A
WATER: Drinking Water (non-regulatory), Surface Waters, Healthcare Water (Dialysis Water/Ultra Pure Water)	<u>Chemical Tests</u>	Documented In-House Methods identified by HJE/XXXX	
	pH	HJE/ W006 by pH meter	A
	Conductivity	HJE/ W007 by conductivity meter	A
	Ammonia	HJE/ W009 by visible spectrometry	A
	Aluminium	HJE/ W005 by visible spectrometry	A
	Anions: Chloride Fluoride Nitrate Nitrite Phosphate Sulphate	HJE/ W010 by Ion chromatography with EC detection	A
	Cations: Calcium Magnesium Sodium Potassium	HJE/W011 by Ion chromatography with EC detection	A
	<u>Microbiological Testing</u>		
Drinking Water (Non-regulatory) and surface waters	Detection and Enumeration of Coliforms and <i>Escherichia coli</i>	HJE/M001A by Idexx Colilert 24 quanti-tray (24 hour incubation), based on the Microbiology of Drinking Water, 2016, Part 4D	A
Drinking Water (non-regulatory) and Healthcare Water (Dialysis Water)	Enumeration of Aerobic Colony Count	HJE/M016 Pour Plate Method using Yeast Extract Agar incubated at 22°C for 72 hours and 37°C for 48 hours for Drinking Waters and 22°C for 168 hours for Dialysis Water. Method based on the Microbiology of Drinking Water Part 7 (2020)	



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ANIMAL FEEDING STUFFS	<u>Chemical Tests</u>	Documented In-House Methods identified by HJE/XXXX	
	Ash	HJE/A006 by Furnace	A
	Ash	HJE/A006 based on BS ISO 5984:2022 by Furnace	A
	Crude Fibre	HJE/A005 by Fibrebag system	A
	Crude Fibre	HJE/A014 based on BS EN ISO 6865:2001 by Fibretec semi-automated system	A
	Moisture	HJE/A007	A
	Moisture	HJE/A007 based on BS EN ISO 712:2009 and ISO 6496:1999 by oven drying	A
	Nitrogen and Protein	HJE/F004 by Kjeldahl	A
	Nitrogen and Protein	HJE/F004 based on BS EN ISO 5983-2:2009 and BS EN ISO 20483:2013 by Kjeldahl	A
	Nitrogen and Protein	HJE/F030 by Dumas Combustion	A
	Oil (Method A)	HJE/A004 based on ISO 6492:1999 by Soxhlet (Method A)	A
	Oil (Method A and B)	HJE/A004 by Soxhlet (Method A) then Acid Hydrolysis followed by Soxhlet (Method B)	A
	Generic protocol for the development of methods of analysis	Methods developed under the generic protocol (flexible scope) using the techniques of high performance liquid chromatography, enzyme linked immunoassay (ELISA), titrimetry and gravimetry, HJE/IH/030	A



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CHEMICAL AND CHEMICAL PRODUCTS (as specified)	<u>Chemical Tests</u>		
Fertilisers	Nitrogen	HJE/F030 by Dumas combustion	A
TOYS and TOY PACKAGING	<u>Mechanical Tests</u>	BS EN 71-1:2014 + A1:2018 for the following test clauses	
	Drop test	8.5	A
	Sharp points	8.12	A
	Sharp edges	8.11	A
	Small parts	8.2	A
	Small balls	8.32.1	A
	Play figures	8.33	A
	Impact test	8.7	A
	Accessibility test	8.10	A
Babies' dummies/soothers	Impact test	9.1	A
END			