


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 1946 Accredited to ISO/IEC 17025:2017	Minton, Treharne & Davies Limited (Herbert J Evans Division)	
	Issue No: 037 Issue date: 10 September 2021	
	Forest Farm Industrial Estate Longwood Drive Whitchurch Cardiff CF14 7HY	Contact: John Robinson Tel: +44 (0) 2920 540 000 Fax: +44 (0) 2920 540 111 E-Mail: MTDlab@minton.co.uk Karen.mayne@minton.co.uk Website: www.minton.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	
Address Forest Farm Industrial Estate Longwood Drive Whitchurch Cardiff CF14 7HY	Local contact John Robinson Tel: +44 (0)2920 540 000 Fax: +44 (0)2920 540 111 E-Mail: MTDlab@minton.co.uk; Karen.mayne@minton.co.uk Website: www.minton.co.uk	<u>Testing</u> Chemical Microbiological Physical <u>Support Functions</u> Quality Management	A
Address Unit 5 Llwyn-yr-Eos Parc Menter Cross Hands Llanelli Carmarthenshire SA14 6RA	Local contact Karen Mayne Tel: +44 (0)2920 540 000 Fax: +44 (0)2920 540 111 E-Mail: MTDlab@minton.co.uk Karen.mayne@minton.co.uk Website: www.minton.co.uk	<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	
	Generic protocol for the development of methods of analysis	Methods developed under the generic protocol (flexible scope) using the techniques of Atomic absorption spectroscopy, gas chromatography, high performance liquid chromatography, UV-VIS spectroscopy, enzyme linked immunoassay (ELISA) microscopy, titrimetry and gravimetry, HJE/IH/030	A
	Ash	HJE/F013 by furnace	A
	Calcium	HJE/F010 by Atomic Absorbtion Spectroscopy	A
	Fat	HJE/F015 using Acid Hydrolysis	A
	Moisture	HJE/F014 by oven drying	A
	Nitrogen and Crude Protein	HJE/F004 by Kjeldahl	A
	Nitrogen and Crude Protein	HJE/F030 by Dumas combustion	A
	Calculation of carbohydrate content	HJE/C001 by difference	A
	Phosphorus	HJE/F019 by visible Spectroscopy	A
	Sulphur Dioxide	HJE/F031 by Iodine titrimetry	A
Sugars: fructose, dextrose, sucrose, maltose and lactose	HJE/F024 by HPLC with RI detector	A	
Wines, Beer and Low Alcohol Drinks (including alcohol free products)	Alcoholic Content	HJE/F032 by Gas Chromatography	A



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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) (cont'd)	<u>Chemical Tests (cont'd)</u>	Documented In-House Methods identified by HJE/XXXX	
Spirits	Alcoholic strength	HJE/F026 by pycnometer	A
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
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



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WATER Drinking Water (non-regulatory), Surface Waters, Healthcare Water (Dialysis Water/Ultra Pure Water)	<u>Chemical Tests (cont'd)</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
	Copper Iron Manganese Zinc	HJE/ W001 by atomic spectroscopy, ETAAS, FAES and FAAS	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	
Drinking Water (Non-regulatory) and surface waters	<u>Microbiological Testing</u>		
	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



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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
	Crude Fibre	HJE/A005 by Fibrebag system	A
	Lead and Cadmium	HJE/A011 by wet oxidation and Flame AAS	A
	Moisture	HJE/A007	A
	Nitrogen and Protein	HJE/F004 by Kjeldahl	A
	Nitrogen and Protein	HJE/F030 by Dumas combustion	A
	Oil	HJE/A004 by 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 Atomic absorption spectroscopy, high performance liquid chromatography, enzyme linked immunoassay (ELISA), titrimetry and gravimetry, HJE/IH/030	A
CHEMICAL AND CHEMICAL PRODUCTS (as specified)	<u>Chemical Tests</u>		
Fertilisers	Nitrogen	HJE/F030 by Dumas combustion	A



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BODY FLUIDS/TISSUES	<u>Virology Testing</u> Molecular examination activities for the purpose of clinical diagnostics	Documented in-house methods including DHSC requirements for private providers of Covid-19 testing to include: <ul style="list-style-type: none"> - General Population Testing - Test to Release Testing - Day 2 & 8 International arrival testing (detection of SARS-CoV-2 virus RNA) 	A
Nasopharyngeal and oropharyngeal swabs combined in Viral Transport Media (VTM)	Detection of SARS-CoV-2 virus RNA (COVID-19) specifically E and N gene	Documented In house method (HJE/M018) for the Extraction of RNA using QiaGen QIA Amp Viral RNA Mini kit Documented In house method (HJE/M018) for the Detection of RNA using RT-PCR using the Clarigene SARS-CoV-2 RT PCR on the ABi 7500 instrument	A A
TOYS and TOY PACKAGING	<u>Mechanical Tests</u> Drop test Sharp points Sharp edges Small parts Small balls Play figures Impact test Accessibility test	BS EN 71-1:2014 + A1:2018 for the following test clauses 8.5 8.12 8.11 8.2 8.32.1 8.33 8.7 8.10	A A A A A A A A



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TOYS and TOY PACKAGING (cont'd)	<u>Mechanical Tests (cont'd)</u>	BS EN 1400:2013 + A1:2014 for the following clause	
Babies' dummies/soothers	Impact test	9.1	A
END			