


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Reading Scientific Services Ltd</h3> <p>Issue No: 057    Issue date: 06 September 2011</p>	
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<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ANIMAL FEEDING STUFFS FOOD FOOD INGREDIENTS GRAINS	<u>Chemical Tests</u>	Documented In-House Methods identified by method number
	Qualitative detection of Genetically Modified DNA from Soya and Maize	TM1 using extraction, PCR amplification and electrophoresis of DNA
FOODS ENVIRONMENTAL SAMPLES	Quantitative detection of Genetically Modified DNA from Soya and Maize	TM2 using iCycler iQ Real-Time PCR System
	Allergen detection using appropriately validated methods using flexible scope including allergens: egg, casein, gluten, peanut, almond, hazelnut, beta-lactoglobulin, sesame, soya protein and Buckwheat	TM311 (Generic Protocol) using Enzyme Linked Immunosorbent Assay (ELISA) kit methods
MEAT and MEAT PRODUCTS	Sulphur dioxide	TM195 by distillation and titration
MILK MILK BASED PRODUCTS FATS OILS	Vitamin A and E	TM156 using High Performance Liquid Chromatography (HPLC)
	Vitamin D <sub>3</sub>	TM158 using HPLC
MILK MILK BASED PRODUCTS	Vitamin B <sub>1</sub> , B <sub>2</sub>	TM157 using HPLC
Food and Food Products	Fatty Acids	TM112 based on AOAC 969.33



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UNSPECIFIED FOODS	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by method number
	Aluminium Antimony Arsenic Barium Cadmium Chromium Cobalt Copper Iron Lead Manganese Mercury Nickel Selenium Silver Tin Thallium Zinc	TM201 using microwave digestion procedure TM205 with Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)
FOODS AND BEVERAGES	Calcium Magnesium Potassium Sodium	TM200 using Atomic Absorption Spectroscopy (AAS)
	Ash	TM207 using muffle oven
BEVERAGES	Coumarin	TM348 using GC-MS
BEVERAGES	Acesulfame-K Ascorbic acid Aspartame Benzoate Caffeine Quinine Saccharin Sorbate	TM146 using HPLC
	Benzoate Sorbate	TM147 by HPLC
	Sulphur dioxide	TM195 by distillation and titration
	Chloride Sodium Chloride	TM102 using Chloride Analyser



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	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods identified by method number
BEVERAGES (cont'd)	Vitamin C (by reduction)	TM152 using HPLC
COFFEE and TEA	Caffeine	TM255 using HPLC
JUICES, FRUIT and VEGETABLE VEGETABLES AQUEOUS SOLUTIONS	Chloride Fluoride Nitrate Nitrite Phosphate Sulphate	TM136 by Ion-Chromatography (IC)
SOFT DRINKS	Vitamins B <sub>1</sub> , B <sub>2</sub> , B <sub>3</sub> , B <sub>5</sub> and B <sub>6</sub>	TM153 using HPLC
CLEANING MATERIALS TOILETRIES and DETERGENTS	Anionic and Cationic Strength  Chlorine (active)	TM194 by titration  TM196 by titration
UNSPECIFIED FOODS	Equilibrium Relative Humidity (Water Activity)	TM170 using Novasina Water Activity Meter
LIQUIDS, SEMI-SOLIDS and SOLIDS	Glass transition temperature Heat of Fusion Melting Temperature Range Specific Heat  Water content	TM167 by Differential Scanning Calorimetry (DSC)  TM166 by Karl Fischer
POWDERS, SUSPENSIONS and EMULSIONS	Particle size distribution	TM165 using Malvern Mastersizer 2000
	<u>Physical Tests</u>	Documented In-House Methods identified by method number
FOREIGN BODIES and MATERIAL EXTRACTED from FOODS	Dimensions  Weight	TM237  MS2
GLASS FOREIGN BODIES AND MATERIALS	Elemental composition glass type	TM236 using Energy Dispersive X-Ray Micro-fluorescence
	END	