


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2017	<b>Reading Scientific Services Ltd</b>  Issue No: 084 Issue date: 09 July 2020	
	Reading Science Centre Whiteknights Campus Pepper Lane Reading Berkshire RG6 6LA	Contact: Mr Peter Rooney Tel: +44(0)118 945 0539 Fax: +44 (0)118 986 8932 E-Mail: peter.rooney@rssl.com Website: www.rssl.com

**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
Reading Science Centre Whiteknights Campus Pepper Lane Reading Berkshire RG6 6LA	Contact: Mr Peter Rooney Tel: +44(0)118 945 0539 Fax: +44 (0)118 986 8932 E-Mail: peter.rooney@rssl.com Website: www.rssl.com  <u>Testing</u> Chemical and Physical  <u>Support Functions</u> Quality Management	A
Units 2 and 3 Millars Business Park Fishponds Close Wokingham Berkshire RH41 2TZ	Contact: Mr Peter Rooney Tel: +44(0)118 945 0539 Fax: +44 (0)118 986 8932 E-Mail: peter.rooney@rssl.com Website: www.rssl.com  <u>Testing</u> Molecular and ELISA	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
ANIMAL FEEDING STUFFS FOOD FOOD INGREDIENTS GRAINS	<u>Molecular Biology</u>  Qualitative detection of Genetically Modified DNA from Soya and Maize: Roundup Ready™ Soya Bt-176 Maize Bt-11 Maize MON810 Maize LibertyLink (T25) Maize Starlink Maize NK603 Maize MON863 Maize GA21 Maize CaMV 35S Promoter NOS Terminator BAR gene Cry1A (b) gene	Documented In-House Methods identified by method number  TM-1 using extraction, PCR amplification and electrophoresis of DNA	B
	Quantitative detection of Genetically Modified DNA from Soya and Maize: Roundup Ready™ Soya Bt-176 Maize Bt-11 Maize MON810 Maize	TM-2 using CFX-96 Real-Time PCR System	B
FOODS AND FOOD INGREDIENTS ENVIRONMENTAL SWABS, RINSE WATERS, SETTLE PLATES, PURGE SAMPLES	Qualitative Allergen DNA detection	SOP 091 Protocol for the Development of Methods using PCR (Polymerase Chain Reaction) and SOP 622 for Management of Flexible Scope	B



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FOODS AND FOOD INGREDIENTS ENVIRONMENTAL SWABS, RINSE WATERS, SETTLE PLATES, PURGE SAMPLES (cont'd)	<u>Molecular Biology</u> (cont'd)	Documented In-House Methods identified by method number	B
	Qualitative Allergen DNA detection including: Almond Brazil nut Cashew Celery Chestnut Crustacean Fish Hazelnut Kiwi Lupin Macadamia Mollusc Mustard Peanut Pecan Pine nut Pistachio Walnut	TM-114 using PCR (Polymerase chain reaction)	
MEAT AND MEAT PRODUCTS	Qualitative Animal DNA detection	SOP 531 Protocol for the development of Methods using PCR (Polymerase Chain Reaction) and SOP 622 for Management of Flexible Scope	B
	Detection of Meat DNA	TM-621 using Realtime PCR (Polymerase chain reaction)	B
	Porcine (Pork) DNA (Limits of Detection available 1% and 0.1%)	Using Qiagen Mericon Pig Identification Kit	B
	Caprine (Goat) DNA (Limits of Detection available 1% and 0.1%)	Using Qiagen Mericon Goat Identification Kit	B
	Bovine (Cattle) DNA (Limits of Detection available 1% and 0.1%)	Using Qiagen Mericon Cattle Identification Kit	B



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MEAT AND MEAT PRODUCTS (cont'd)	<u>Molecular Biology</u> (cont'd)	Documented In-House Methods identified by method number	
	Detection of Meat DNA (cont'd)	TM-621 using Realtime PCR (Polymerase chain reaction)	B
	Equine (Horse) DNA (Limits of Detection available 1% and 0.1%)	Using Qiagen Mericon Horse Identification Kit	B
	Ovine (Sheep) DNA (Limits of Detection available 1% and 0.1%)	Using Qiagen Mericon Sheep Identification Kit	B
FOODS AND FOOD INGREDIENTS ENVIRONMENTAL SWABS, RINSE WATERS, SETTLE PLATES, PURGE SAMPLES	Galline (Chicken) DNA (Limit of Detection 1%)	Using Qiagen Mericon Chicken Identification Kit	B
	<u>Chemical Tests</u>	Documented In-House Methods identified by method number	
	Quantitative Allergen detection of proteins	SOP 089 Protocol for the Development of Methods using ELISA and SOP 622 for Management of Flexible Scope	B
	Quantitative Allergen detection of proteins including allergens:	TM-311 using Enzyme Linked Immunosorbent Assay (ELISA) kit methods, Kits used as identified below;	B
	Egg Casein Gluten Peanut Almond	Morinaga kit Neogen Veratox & Morinaga kit R-Biopharm kit ELISA Systems kit Neogen Veratox kit & ELISA System	B
Hazelnut Beta-lactoglobulin Sesame Soya Total milk	ELISA Systems kit R-Biopharm kit R-Biopharm kit ELISA Systems R-Biopharm		



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MILK, MILK BASED PRODUCTS, FATS and OILS	<u>Chemical Tests</u> Vitamin D <sub>3</sub>	Documented In-House Methods identified by method number TM-158 using HPLC	A
FOOD AND FOOD PRODUCTS	Fatty Acids Composition Saturates Mono-unsaturates Poly-unsaturates Trans fatty acids Omega-3 Fatty Acids Omega-6 Fatty Acids	TM-112 based on AOAC 969.33	A
BEVERAGES	Acesulfame-K Aspartame Benzoate Caffeine Quinine Saccharin Sorbate	TM-146 using HPLC	A
	Benzoate Sorbate	TM-147 by HPLC	A
	Vitamin C (by reduction)	TM-152 using HPLC	A
Water, Beverages and Candy	Total Sulphur dioxide	TM-610, by Monier- Williams	A
SOFT DRINKS	Vitamins B <sub>1</sub> , B <sub>2</sub> , B <sub>3</sub> , B <sub>5</sub> and B <sub>6</sub>	TM-153 using HPLC	A
BISCUITS, CHOCOLATE, COFFEE and COCOA POWDER	Determination of Acrylamide	TM-835 using LC-MS/MS	A
UNSPECIFIED FOODS	Ash	TM-207 using muffle oven	A
	Calcium, Magnesium, Potassium, Sodium	TM-200 using Atomic Absorption Spectroscopy (AAS)	A



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Food and Nutraceutical Products	<u>Chemical Tests</u>  Aluminium, Antimony, Arsenic, Barium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Mercury, Molybdenum, Nickel, Tin, Thallium, Zinc	Documented In-House Methods identified by method number  TM-201 using microwave digestion procedure TM-205 with Inductively Coupled Plasma/Mass Spectrometry (ICP/MS)	A
	Total Iodine	TM-694 using thermal extraction followed by Inductively Couple Plasma/Mass Spectrometry (ICP/MS)	A
FOREIGN BODIES and MATERIAL EXTRACTED from FOOD, PHARMACEUTICAL and RELATED SAMPLES	<u>Physical Tests</u>  Dimensions	Documented In-House Methods identified by method number  TM-237	A
	Weight	TM-238	A
GLASS FOREIGN BODIES AND MATERIALS	Elemental composition glass type	TM-236 using Energy Dispersive X-Ray Micro-fluorescence	A
END			