


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>0009</b></p> <p>Accredited to ISO/IEC 17043:2010</p>	<h3>Fera Science Limited</h3> <p><b>Issue No: 023    Issue date: 19 March 2018</b></p>	
	<p><b>Proficiency Testing Group</b>  <b>FAPAS, FEPAS, GeMMA &amp; LEAP</b>  <b>Sand Hutton</b>  <b>York</b>  <b>North Yorkshire</b>  <b>YO41 1LZ</b></p>	<p><b>Contact: Judith Marshall</b>  <b>Tel: +44 (0)1904 462100</b>  <b>Fax: +44 (0)1904 500440</b>  <b>E-Mail: info@fapas.com</b>  <b>Website: www.fapas.com</b></p>
<p>Proficiency Tests provided from the above address only</p>		

### DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/Techniques Used
<p>Meat and meat products including offal,            Cereals and cereal products,            Fish and shellfish,            Fruit and vegetables,            Honey,            Milk &amp; milk powder,            Dairy products            Infant food,            Confectionary,            Nuts, herbs, spices and condiments            Alcoholic drinks            Fruit and vegetable juices            Preserves            Soft drinks            Tea and coffee            Oils and fats            Packaging materials and simulants            Sugar            Ready meals and snack foods            Egg            Liquid vitamin supplement            Animal feedstuffs</p>	<p><b><u>Food Chemistry (FAPAS Series 1-22, 24-30)</u></b></p> <p>Food contaminants</p> <ul style="list-style-type: none"> <li>- Acrylamide</li> <li>- Alcohol</li> <li>- Allergens</li> <li>- Organic environmental contaminants</li> <li>- Cyanuric acids</li> <li>- Melamine</li> <li>- Mycotoxins</li> <li>- Dyes</li> <li>- Nitrates and Nitrites</li> <li>- Metals</li> <li>- Veterinary Drug Residues</li> <li>- Pesticide and PCB residues</li> <li>- 3-MCPD, 1,3-DCP</li> <li>- Packaging migration</li> </ul> <p>Food Components</p> <ul style="list-style-type: none"> <li>- Proximates</li> <li>- Sugars and sweeteners</li> <li>- Antioxidants</li> <li>- Preservatives</li> <li>- Colours</li> <li>- Alcohol and congeners</li> <li>- Acidity</li> <li>- Caffeine and Theobromine</li> <li>- Fatty acids</li> <li>- Nutritional elements/minerals</li> <li>- Vitamins</li> </ul> <p>Meat &amp; Fish authenticity</p> <ul style="list-style-type: none"> <li>- Quality indicators including species identification</li> </ul>	<p>FAPAS<sup>®</sup> protocol parts 1 and 2 available at <a href="http://www.fapas.com">www.fapas.com</a></p>



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Dried food / feed products	<b><u>Food Chemistry (FAPAS Series 1-22, 24-30)</u></b> (cont'd)  Food attributes – Water activity	FAPAS® protocol parts 1 and 2 available at <a href="http://www.fapas.com">www.fapas.com</a>
Soya Flour Maize Flour Animal feed Mixed flours Process/baked products Tobacco	<b><u>GMO analysis (GeMMA Scheme) - including both Qualitative and Quantitative rounds of GM Material</u></b>  Round-up Ready Specified events as available Challenge tests – one or more GM traits in mixed matrices	FAPAS® protocol parts 1 and 4 available at <a href="http://www.fapas.com">www.fapas.com</a>
Meat Chicken Rice Flour Salad Fruit juice Egg Fish Milk & Milk powder Pepper Confectionary Cocoa powder Soft cheese Herbs and spices Animal feed Environmental and sponge swabs	<b><u>Food Microbiology (FEPAS Scheme)</u></b>  Enumeration: - Aerobic plate count - <i>Bacillus cereus</i> - <i>Campylobacter</i> spp - <i>Clostridium perfringens</i> - <i>Cronobacter Sakazakii</i> (in infant powder) - Coagulase positive - Staphylococci - Coliforms - E. coli - Enterobacteriaceae - Enterococci - Lactic Acid Bacteria - Pseudomonads - Yeasts and Moulds - <i>Listeria monocytogenes</i>	FAPAS® protocol parts 1 and 3 available at <a href="http://www.fapas.com">www.fapas.com</a>



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Concentrated solutions	<p><b><u>Potable Water Chemistry (LEAP scheme)</u></b></p> <p>Major Inorganic Components</p> <p>Routine Components</p> <p>Routine Metals</p> <p>Non routine Metals + non specific inorganics</p> <p>Inorganic disinfection by-products</p> <p>Trihalomethanes/Chlorinated solvents</p> <p>Polycyclic Aromatic Hydrocarbons</p> <p>OP + Triazine Pesticides</p> <p>OC Pesticides</p> <p>Urons</p> <p>Phenoxyacid herbicides</p> <p>BTEX</p>	FAPAS® protocol parts 1 and 5 available at <a href="http://www.fapas.com">www.fapas.com</a>



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Concentrated solutions	<p><b><u>Effluent, Waste Water, Surface Water, High Salinity Water, Contaminated Land &amp; Hazardous Waste (LEAP scheme)</u></b></p> <p>BOD, COD, TOC</p> <p>Solids (total, settleable, suspended &amp; dissolved) settled COD</p> <p>Inorganic compounds</p> <p>pH, EC</p> <p>MBAS, APE</p> <p>Cyanide</p> <p>Total Residual Chlorine</p> <p>Phenol</p> <p>Metals</p> <p>Sulphide</p> <p>Alkalinity, pH</p> <p>Anions</p> <p>Cations</p> <p>Total kjeldahl N, total P</p> <p>Oil and grease</p> <p>Cr (VI)</p> <p>Purgeable aromatics and aliphatics</p> <p>Total petrol hydrocarbons</p>	<p>FAPAS® protocol parts 1 and 5 available at <a href="http://www.fapas.com">www.fapas.com</a></p>
Soil - certified reference material	<p><b><u>Contaminated land chemistry (soil)</u></b></p> <p>Metals</p>	<p>FAPAS® protocol parts 1 and 5 available at <a href="http://www.fapas.com">www.fapas.com</a></p>



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PBS Suspensions, Water	<b><u>Potable water</u></b> <b><u>Microbiology/Parasitology (LEAP Scheme)</u></b> Total Coliform, E coli Colony Count (22°C/3 days) Colony Count (37°C/2 days)  Enterococci  <i>Clostridium perfringens</i>  <i>Ps. aeruginosa</i>  <i>Legionella spp</i>  <i>Cryptosporidium spp</i>  <i>Giardia spp</i>	FAPAS ® protocol parts 1 and 5 available at <a href="http://www.fapas.com">www.fapas.com</a>
Organism on agar slopes	Organism Identification	
END		