


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>8664</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Food Forensics Limited</p> <p>Issue No: 010 Issue date: 21 February 2023</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FOOD AND FOOD PRODUCTS and ENVIRONMENTAL SWABS	<p><u>Molecular Biology Tests</u></p> <p>Detection and quantification of allergens</p> <p>Gliadin (Gluten)</p> <p>Peanut</p> <p>Peanut</p>	<p>Documented in-house methods</p> <p>Methods developed and validated according to flexible scope procedure TP006 using commercial ELISA kits</p> <p>Method P128 using R-Biopharm RIDASCREEN R7001</p> <p>Method P131 using Neogen Veratox Peanut Allergen 8430</p> <p>Method P124 using R-Biopharm RIDASCREEN FAST Peanut R6202</p>
FOODS, FOOD PRODUCTS, BEVERAGES and FEEDING STUFFS	<p><u>Chemical Tests:</u></p> <p>Determination of $^{13}\text{C}/^{12}\text{C}$, $^{15}\text{N}/^{14}\text{N}$, $^{34}\text{S}/^{32}\text{S}$, $^{18}\text{O}/^{16}\text{O}$, $^2\text{H}/^1\text{H}$ stable isotope ratios. Comparison of $^{13}\text{C}/^{12}\text{C}$, $^{15}\text{N}/^{14}\text{N}$, $^{34}\text{S}/^{32}\text{S}$, $^{18}\text{O}/^{16}\text{O}$, $^2\text{H}/^1\text{H}$ stable isotope ratios</p>	<p>TP001 using Continuous flow Isotope Ratio Mass Spectrometry</p>
Honey	<p>% C4 sugar content based on $^{13}\text{C}/^{12}\text{C}$ stable isotopic ratio</p>	<p>AM 036 using Continuous flow Isotope Ratio Mass Spectrometry based on AOAC 998.12</p>
FOODS, FOOD PRODUCTS, BEVERAGES and FEEDING STUFFS	<p><u>Opinions and Interpretations</u></p> <p>Interpretation of isotope ratio results for the purposes of determination of consistency with declared or claimed geographic origin and/or production method</p>	<p>SOP P032 and SOP P048</p>



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FOODS, FOOD PRODUCTS, FEED AND ENVIRONMENTAL SWABS	<p><u>Molecular Speciation Tests:</u></p> <p>Detection and/or identification of specified DNA sequences</p> <p>Qualitative detection of DNA of animal species: Cow Pig Sheep Chicken Equine Turkey</p> <p>Qualitative detection of DNA of fish species: Cod Haddock</p>	<p>Documented in-house methods</p> <p>Methods developed and validated according to flexible scope procedure TP006 using commercial PCR kits</p> <p>TP003 using DNA extraction and amplification and qualitative detection by RT-PCR</p> <p>TP003 using DNA extraction and amplification and qualitative detection by RT-PCR</p>
FOODS, FOOD PRODUCTS, FEED AND ENVIRONMENTAL SWABS (cont'd)	<p>Animal, fish, plant, fungi and bacteria speciation based on detection of DNA sequences</p>	<p>TP005 using DNA extraction followed by amplification and sequencing on Illumina MiSeq Species sequence identification using in-house, Barcode of Life and/or NCBI databases</p>

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