


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>8664</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Food Forensics Limited</h3> <p>Issue No: 005 Issue date: 05 February 2019</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
<p>FOODS, FOOD PRODUCTS, BEVERAGES and FEEDING STUFFS</p> <p>Honey</p>	<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>% C4 sugar content based on $^{12}\text{C}/^{13}\text{C}$ stable isotopic ratio</p> <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>Documented in-house methods</p> <p>TP001 using Continuous flow Isotope Ratio Mass Spectrometry</p> <p>AM 036 using Continuous flow Isotope Ratio Mass Spectrometry based on AOAC 998.12</p> <p>SOP P032 and SOP P048</p>
<p>FOODS, FOOD PRODUCTS, FEED AND ENVIRONMENTAL SWABS</p>	<p><u>Molecular Speciation Tests:</u></p> <p>Qualitative detection of DNA of animal species:</p> <ul style="list-style-type: none"> Cow Pig Sheep Chicken Horse Turkey Donkey <p>Qualitative detection of DNA of fish species:</p> <ul style="list-style-type: none"> Cod Haddock Whiting European Plaice 	<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>



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FOODS, FOOD PRODUCTS, FEED AND ENVIRONMENTAL SWABS (cont'd)	<u>Molecular Speciation Tests: (cont'd)</u> Animal, fish, plant, fungi and bacteria speciation based on detection of DNA sequences	Documented in-house methods 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
END		