

# Calibration and Measurement Capabilities

<p><b>Organic solutions</b> Trace levels of pesticides, PCBs, human growth hormone and peptide. Ethanol in water at high and low levels.</p>	<p><b>Inorganic solutions</b> Trace levels of metals (0.01 – 1000 ppm) in mono and multi-elemental solutions with a low uncertainty (<math>U(k=2)</math>) &lt; 1 % for most analytes).</p>
<p><b>High purity chemicals</b> Purity assessment of organic compounds (PCBs, pesticides, PAHs and others) from 95 % m/m to 100 % m/m with an uncertainty (<math>U(k=2)</math>) &lt; 1 %.</p>	<p><b>Food</b> Trace levels of contaminants or main nutritional constituents in fatty and non-fatty food products and supplements, fish and corn oils and fish tissue. GMOs in maize.</p>
<p><b>Water</b> Trace levels of metals in fresh and estuarine waters (4 – 1000 ppt) with an uncertainty (<math>U(k=2)</math>) &lt; 2 %.</p>	<p><b>Sediments, soils, ores and particulates</b> Trace levels of metals, PCBs, PAHs in soil, sediment and sewage sludge.</p>
<p><b>Biological fluids and materials</b> Isotope ratio (<math>^{235}\text{U}/^{238}\text{U}</math>), metals, hormones, ethanol in blood, urine, tissues and plant.</p>	<p><b>Fuel</b> Sulfur (10 – 1000 ppm) in petroleum products with an uncertainty (<math>U(k=2)</math>) &lt; 4 %.</p>

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