

# Trace Metals Analysis

**Intertek**

Valued Quality. Delivered.



## Global Trace Metals Experience and Capabilities:

Trace metal analysis provided by Intertek laboratories across the world detect and identify the types and amounts of trace metals in a wide range of materials and products.

Trace metal analysis supports quality control screening efforts, identification of unknowns and contamination detection, process improvement, troubleshooting efforts, formulation investigations, materials sourcing evaluation, regulatory compliance, molecular species identification, wear metals testing, and other applications.

Trace metals analysis is available to parts per million (ppm), parts per billion (ppb) and parts per trillion (ppt) detection levels, depending upon the sample-matrix and technique used. Experienced Intertek scientists provide rapid sample screening and detailed high resolution analysis for detection and measurement of trace metals content.

Products analyzed for trace metal content include chemicals, crude oil and petroleum, fuels and other refined petroleum products, LPG, gasses, consumer products, waters, soils, unknown deposits and precipitations, food, pharmaceuticals, and many other materials.

# Global Trace Metal Analysis Expertise:

**Intertek**

Valued Quality. Delivered.

- Trace Detection and Analysis
- Ultra-trace Detection and Analysis
- Trace Chemical Composition
- Material Testing and Screening
- Assay and Purity Analysis
- And More



Intertek laboratories are staffed with experienced chemists and scientists with years of experience in trace metals analysis. State-of-the-art trace metal analysis instrumentation includes Inductively Coupled Plasma Spectroscopy (ICP), ICP-Mass Spectrometry (ICP-MS), GC-ICP-MS, HPLC-ICP-MS, Scanning Electron Microscopy (SEM-EDX), and other proven analytical techniques for finding and characterizing trace metals and metallic molecular species in materials and products.

Trace Metal Elements and Molecular Species Detected include:

Aluminum, Antimony, Arsenic, Barium, Beryllium, Boron, Cadmium, Calcium, Cobalt, Copper, Chromium, Hexavalent Chromium, Gold, Iron, Lead (Pb), Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Palladium, Potassium, Platinum, Selenium, Silicon, Silver, Sodium, Tin, Titanium, Thallium, Vanadium, Zinc, and other metals and analytes.

Contact Intertek to learn more.

Our global laboratory network is ready to work with you to provide the best technical solution to support your project, while providing rapid, reliable and cost-effective service:

Email: [testingservices@intertek.com](mailto:testingservices@intertek.com)

Europe, Africa, Middle East and UK: +44 1708 680 248

France: +33 2 35 13 41 00

Germany: 0800 5855888 , +49 711 27311 152

Benelux: +32 3 543 9089, +31 10 490 2902

Americas: +1 888 400 0084, +1 281 971 5600

Asia Pacific: +65 6322 8228

Australia: +61 3 9315 1844

[www.intertek.com/chemicals/trace-metals-analysis/](http://www.intertek.com/chemicals/trace-metals-analysis/)