

NEW FOOD TESTING METHOD



Brooks Applied Labs (BAL) continues to be at the forefront of measuring metals and metalloid compounds in food and other consumptive products for product safety, risk assessment, and contaminant abatement. BAL has applied internally developed and validated methods to support collaborations with agricultural groups, government agencies, academic institutions, distributors, manufacturers, toxicologists, and legal firms throughout the world. The recently published method by the Association of Analytical Chemists (AOAC) for the measurement of heavy metals in food by inductively coupled plasma - mass spectroscopy (ICP-MS) was authored by BAL, further solidifying our position as leaders in the field. Coupling a high degree of technical expertise with our 3-tier quality assurance approach equated to an unprecedented level of data quality and defensibility.

Scientists at BAL have collaborated on an array of topics including contaminant uptake from plants, growing conditions for agricultural crops, fate of metal-based veterinary drugs, cattle nutritional supplementation, beverage manufacturing and ingredient sourcing, and international import and export investigations affecting entire markets.

BAL has collaborated with the Food and Drug Administration, United States Department of Agriculture, and various department of justices. Our level of experience applying methods for trace metals and metals speciation analyses for conformance to regulatory affairs is unprecedented in the industry. From food safety, optimizing cost of goods for the industry, and identifying food adulteration, BAL can support nearly any facet of food testing our clients may have.

Some examples of the types of analytical services BAL offers related to food testing include testing for:



- Heavy Metals – Arsenic, Cadmium, Lead, and Mercury
- Elemental Impurities
- Inorganic Arsenic
- Methylmercury
- Selenium Speciation
- Chromium Speciation
- Minerals and Trace Elements

If you would like more information about how BAL can protect the safety of your food sources and the economic interests of your corporation, please contact us.

