



## Range of Services – Inorganic Contaminants

The Eurofins experts from the competence centre of inorganic contaminants have long-term experience in analysing metals and elements in food and feed. The analysis of radioactivity, like caesium-137, is part of the portfolio as well.

Furthermore, Eurofins offers the differentiation of organic and inorganic arsenic and the determination of a number of further metals and elements via AAS- and ICP-techniques.

In addition to classical atomic absorption spectroscopy (AAS) with graphite furnace or respectively cold vapor, ICP-OES and ICP-MS-techniques are most frequently in use. Thus, ICP-MS/MS allows a safe revision of already planned and potentially further reductions on maximum levels of metals and elements in food.

### Overview of the most important parameters:

- Heavy metals

- Arsenic
- Lead
- Cadmium
- Mercury

- Trace elements

- Aluminum
- Iron
- Chromium
- Copper
- Nickel
- Zinc
- Arsenic
- Molybdenum
- and many more

- Minerals

- Calcium
- Magnesium
- Potassium
- Sodium
- Phosphorous

- Radioactivity

- Caesium-134
- Caesium-137
- Iodine-131