

September 8, 2022 (13:30-14:15)

The logo for ThermoFisher Scientific, featuring the company name in white text on a red rectangular background. The word "ThermoFisher" is in a larger, bold font, and "SCIENTIFIC" is in a smaller, all-caps font below it.

ThermoFisher
SCIENTIFIC

VENDOR SEMINAR:

Elemental and Isotopic Analysis: Solutions for Food Authenticity, Quality and Safety

Elemental and isotopic analysis: solutions for food authenticity, quality and safety

Dr. Niel Williams, Sales Representative Inorganic Mass Spectrometry, Thermo Fisher Scientific

Dr. Sukanya Sengupta, Application Specialist Trace Elemental Analysis, Thermo Fisher Scientific

With the Thermo Scientific portfolio for elemental and isotope analysis, you can address QC, authenticity, origin and safety of your samples through scalable, software-driven workflows. Dr. Niel Williams will present how elemental and isotope analysis deliver QC and integrity answers to variety of feed and food samples such as crops, sugar, meat, rice, juice, tea or dairy. Dr. Sukanya Sengupta will provide insights into the characterization and monitoring of both nutrient elements and toxic trace metals in different kinds of food samples using ICP-MS techniques that allow high sensitivity analysis for quantifying even the smallest amounts of toxic metals like lead, mercury etc. in the foods. It will be demonstrated how laboratories can achieve this easily in an efficient manner using the developed method for reliable and robust analysis of hundreds of samples daily.

Learn more about integrating elemental and isotopic solutions in your analysis.