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Metal contaminants in food and his characterizations with the use of the last evolution in atomic spectroscopy techniques

Paolo Scardina

Agilent Technologies, Italy

The evolution of the research in the last years is continuously founding new toxicology data in the various metals species, in different form and of oxidation states or size as nanoparticles. The atomic spectroscopy analytical techniques are following this evolution to make possible the reliable determination of these elements at lower level, the characterization of the different state of oxidation of the same element or the organometallic species that is able to form and also obtaining size information when some element is present as nanoparticle.

Biography

Paolo Scardina work as Application Specialist in Agilent Technologies, Italy for the techniques of Atomic Spectroscopy in particular ICP-MS and QQQ-ICP-MS. He has a background in analytical chemistry and works in the atomic and molecular spectroscopy and has 15 years of experience in these techniques.

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