



Food Toxicants Analysis: Techniques, Strategies and Developments (Hardback)

By -

ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 2007. Hardback. Book Condition: New. 240 x 172 mm. Language: English . Brand New Book. Food Toxicants Analysis covers different aspects from the field of analytical food toxicology including emerging analytical techniques and applications to detect food allergens, genetically modified organisms, and novel ingredients (including those of functional foods). The focus will be on natural toxins in food plants and animals, cancer modulating substances, microbial toxins in foods (algal, fungal, and bacterial) and all groups of contaminants (i.e., pesticides), persistent organic pollutants, metals, packaging materials, hormones and animal drug residues. The first section describes the current status of the regulatory framework, including the key principles of the EU food law, food safety, and the main mechanisms of enforcement. The second section addresses validation and quality assurance in food toxicants analysis and comprises a general discussion on the use of risk analysis in establishing priorities, the selection and quality control of available analytical techniques. The third section addresses new issues in food toxicant analysis including food allergens and genetically modified organisms (GMOs). The fourth section covers the analysis of organic food toxicants. A step-by-step guide to the use of food analysis techniques, it contains eighteen chapters...



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