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Food Biosensors (Food Chemistry, Function And Analysis)



Synopsis

Biosensors are increasingly being used to replace traditional methods of analyte detection in the food industry. They offer a much quicker, more reliable and more versatile method for the detection of toxins, allergens, hormones, microorganisms, pesticides and other related compounds. This book, therefore, showcases the latest biosensor development in a single resource. Edited by Minhaz Uddin Ahmed, Mohammed Zourob and Eiichi Tamilya and with contributors from a list of world renowned scientists, this book covers the fabrication of biosensors, the development of miniaturised devices as well as the latest applications in the food industry. Several case studies of recent European food scandals emphasise the need for the development of reliable and affordable food monitoring devices. Up to date information on the current issues facing food biosensor development is presented in this key resource for food biotechnologists, food chemists and biosensor related students and researchers all over the world.

Book Information

Series: Food Chemistry, Function and Analysis (Book 1)

Hardcover: 539 pages

Publisher: Royal Society of Chemistry; 1 edition (October 12, 2016)

Language: English

ISBN-10: 1782623612

ISBN-13: 978-1782623618

Product Dimensions: 6.3 x 1.4 x 9.3 inches

Shipping Weight: 60 pounds (View shipping rates and policies)

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Customer Reviews

Biosensors offer a new detection method for food monitoring. This book covers the development of biosensors as miniaturised devices as well as their commercial opportunities. Showcasing food biosensor development in a single resource, with contributions from a list of world renowned scientists, consideration is given to the very recent development of biosensor detectors for food analytes. Provides up to date information on the current issues facing food biosensor development

and how important they can be in ensuring our food is safe. Will be a key resource for food biotechnologist, food chemists and biosensor related students and researchers all over the world.

Biosensors are increasingly being used to replace traditional methods of analyte detection in the food industry. They offer a much quicker, more reliable and more versatile method for the detection of toxins, allergens, hormones, microorganisms, pesticides and other related compounds. This book, therefore, showcases the latest biosensor development in a single resource. Edited by Minhaz Uddin Ahmed, Mohammed Zourob and Eiichi Tamilya and with contributors from a list of world renowned scientists, this book covers the fabrication of biosensors, the development of miniaturised devices as well as the latest applications in the food industry. Several case studies of recent European food scandals emphasise the need for the development of reliable and affordable food monitoring devices. Up to date information on the current issues facing food biosensor development is presented in this key resource for food biotechnologists, food chemists and biosensor related students and researchers all over the world.

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