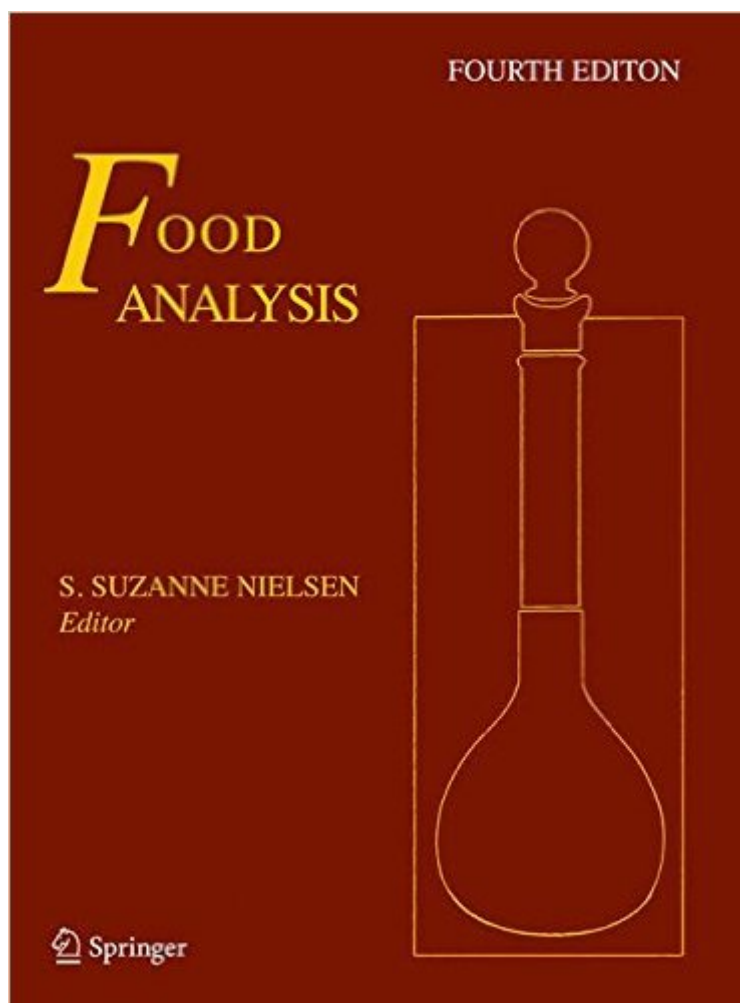


The book was found

Food Analysis (Food Science Text Series)



Synopsis

This book provides information on the techniques needed to analyze foods in laboratory experiments. All topics covered include information on the basic principles, procedures, advantages, limitations, and applications. This book is ideal for undergraduate courses in food analysis and is also an invaluable reference to professionals in the food industry. General information is provided on regulations, standards, labeling, sampling and data handling as background for chapters on specific methods to determine the chemical composition and characteristics of foods. Large, expanded sections on spectroscopy and chromatography also are included. Other methods and instrumentation such as thermal analysis, ion-selective electrodes, enzymes, and immunoassays are covered from the perspective of their use in the analysis of foods. A website with related teaching materials is accessible to instructors who adopt the textbook.

Book Information

Series: Food Science Text Series

Hardcover: 602 pages

Publisher: Springer; 4th ed. 2010, Corr. 3rd printing 2014 edition (September 4, 2014)

Language: English

ISBN-10: 1441914773

ISBN-13: 978-1441914774

Product Dimensions: 8.4 x 1.6 x 11 inches

Shipping Weight: 3.5 pounds (View shipping rates and policies)

Average Customer Review: 3.9 out of 5 stars [See all reviews](#) (12 customer reviews)

Best Sellers Rank: #536,509 in Books (See Top 100 in Books) #134 in [Books > Science & Math > Chemistry > Industrial & Technical](#) #949 in [Books > Science & Math > Agricultural Sciences > Food Science](#) #1405 in [Books > Textbooks > Science & Mathematics > Chemistry](#)

Customer Reviews

The book handles all the techniques, principles and recommended applications regarding sampling, proximate analysis and special analysis for the main components in foods, carbohydrate, protein and fats. It also includes an excellent review on the biochemical and instrumental methods. I would recommend a second book regarding the special analysis for the food groups. I lecture on food analysis and found it to be an excellent support for my course.

This book serve as a technical manual for many different forms of food analysis. It is not a

beginner/introduction book. This book has many applications in the food industry for small companies with some capital looking to start their own food quality labs. As a food science major I found that this book is not overly technical to a point where I couldn't understand the content. It contains many basic protocols for food analysis (protein content, fat extraction, caloric content, etc.) From the student perspective, my professor lectured from incomplete power point slides and this book provided me with information that allowed me to fill in the blanks. This is a book I'm adding to my food science collection as a reference book. I also earned an A in my Food Analysis class so I would recommend this book to anyone who intends on working in the lab in the food industry or for the government.

This book was a broad ranging book, covering all the basic techniques (and their variations) used in industry for the testing and analysis of food products. Each chapter is written by a different author, so there is some variety in the tone, style, length, and quality of writing throughout. On the plus side, the book is very complete as an introduction to food analysis and could be used as a good reference for those times when you find yourself thinking "how do people test for _____ again?" There are numerous references and typically, the reader is referred to a few detailed sources if more information is desired. The book is fairly concise and doesn't dwell on any one topic too long, which allows for learning a lot of basic knowledge very quickly. It is designed for college students and basic grad school courses in food analysis. And for what it is designed for, it works well. On the negative side, there are times where it feels like too much information is trying to be crammed into a few pages and the reader is left feeling overwhelmed. There are study questions at the end of each chapter which are often very basic and can be difficult to connect to the text. Additionally, the outline/subsections of each chapter can get to be too much (I think there are sections like 2.4.3.2.5.1) - a simpler format would have been appreciated. Overall, I would recommend it as a reference for knowing which technique to use when, and as a teaching tool for broad based introductions to food analysis.

i found it a very good book to understand the basics of spectroscopy and chromatography in addition to other analysis procedures.

Textbook for a food science class. Price is cheaper compared to other textbooks (the expensive chemistry ones and biology ones...you know).

Some errors in calculations in Chapter 4, but otherwise a very good, thorough text on Food Analysis techniques and processes.

[Download to continue reading...](#)

Food Analysis (Food Science Text Series) Texting Women: 7 Simple Steps From Text to Sex (Flirty Texts, Texting Girls, How To Text Girls, Art Seduction, How to Seduce a Woman, Funny Text, Pick Up Women, Funny Pick Up Lines, Picking Up Women) Food Law and Regulation for Non-Lawyers: A US Perspective (Food Science Text Series) Modern Food Microbiology (Food Science Text Series) 100 Exotic Food Recipes (Puerto Rican Food Recipes, Picnic Food Recipes, Caribbean Food Recipes, Food Processor Recipes,) Face Image Analysis by Unsupervised Learning (The Kluwer International Series in Engineering and Computer Science, Volume 612) (The Springer International Series in Engineering and Computer Science) Information Sources in Science and Technology (Library and Information Science Text) Information Sources in Science and Technology, 3rd Edition (Library and Information Science Text (Paperback)) Text Messages: A Comprehensive Text Message Dictionary Adaptations: From Text to Screen, Screen to Text Eine Nacht in Venedig. Komische Oper ... A Night in Venice. Comic opera ... Vollst ndiger Klavierauszug mit Text. Vocal score with English Text. Ger.& Eng Informational Passages for Text Marking & Close Reading: Grade 3: 20 Reproducible Passages With Text-Marking Activities That Guide Students to Read Strategically for Deep Comprehension Maternity Nursing: An Introductory Text, 11e (MATERNITY NURSING AN INTRODUCTORY TEXT (BURROUGHS)) 11th (Eleventh) Edition Narada Bhakti Sutras: Aphorisms on The Gospel of Divine Love [with Sanskrit text, word-by-word meaning, English rendering of the text and elaborate explanatory and critical Notes] Handbook of Biblical Hebrew: An Inductive Approach Based on the Hebrew Text of Esther (An Inductive Approach Based on the Hebrew Text of Esther, 2 Vols. in 1) Methods of Soil Analysis. Part 2. Microbiological and Biochemical Properties (Soil Science Society of America Book, No 5) (Soil Science Society of America Book Series) Quantitative Health Risk Analysis Methods: Modeling the Human Health Impacts of Antibiotics Used in Food Animals (International Series in Operations Research & Management Science) ORGANIC COOKBOOK: Healthy And Delicious Baby Food Recipes Which Are Nutritious And Easy To Cook (organic food, food recipes, nutritious food) Homemade Baby Food: 17 Wholesome Baby Food Recipes for Easy, Nutritious, and Delicious Homemade Baby Food (How to Make Baby Food) Raw Food Diet: 50+ Raw Food Recipes Inside This Raw Food Cookbook. Raw Food Diet For Beginners In This Step By Step Guide To Successfully Transitioning ... Vegan Cookbook, Vegan Diet, Vegan Recipes)

[Dmca](#)