



Essentials of Food Science (Food Science Text Series)

Vickie Vaclavik, Elizabeth W. Christian

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The fourth edition of this classic text continues to use a multidisciplinary approach to expose the non-major food science student to the physical and chemical composition of foods. Additionally, food preparation and processing, food safety, food chemistry, and food technology applications are discussed in this single source of information.

The book begins with an Introduction to Food Components, Quality and Water. Next, it addresses Carbohydrates in Food, Starches, Pectins and Gums. Grains: Cereals, Flour, Rice and Pasta, and Vegetables and Fruits follow.

Proteins in Food, Meat, Poultry, Fish, and Dry Beans; Eggs and Egg Products, Milk and Milk Products as well as Fats and Oil Products, Food Emulsions and Foams are covered. Next, Sugar, Sweeteners, and Confections and a chapter on Baked Products Batters and Dough is presented.

A new section entitled Aspects of Food Processing covers information on Food Preservation, Food Additives, and Food Packaging. Food Safety and Government Regulation of the Food Supply and Labeling are also discussed in this text.

As appropriate, each chapter discusses the nutritive value and safety issues of the highlighted commodity. The USDA My Plate is utilized throughout the chapters. A Conclusion, Glossary and further References as well as Bibliography are included in each chapter.

Appendices at the end of the book include a variety of current topics such as Biotechnology, Functional Foods, Nutraceuticals, Phytochemicals, Medical Foods, USDA ChooseMyPlate.gov, Food Label Health Claims, Research Chefs Association certification, Human Nutrigenomics and New Product Development.

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The book untitled Essentials of Food Science (Food Science Text Series) contain a lot of information on it. The writer explains the woman idea with easy technique. The language is very simple to implement all the people, so do certainly not worry, you can easy to read the idea. The book was published by famous author. The author provides you in the new age of literary works. You can read this book because you can read more your smart phone, or gadget, so you can read the book inside anywhere and anytime. In a situation you wish to purchase the e-book, you can wide open their official web-site along with order it. Have a nice read.

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