



Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition)

From Brand: Woodhead Publishing

[Download now](#)

[Read Online](#) 

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing

The shelf-life of a product is critical in determining both its quality and profitability. This important collection reviews the key factors in determining shelf-life and how it can be measured.

Part one examines the factors affecting shelf-life and spoilage, including individual chapters on the major types of food spoilage, the role of moisture and temperature, spoilage yeasts, the Maillard reaction and the factors underlying lipid oxidation. Part two addresses the best ways of measuring the shelf-life of foods, with chapters on modelling food spoilage, measuring and modelling glass transition, detecting spoilage yeasts, measuring lipid oxidation, the design and validation of shelf-life tests and the use of accelerated shelf-life tests.

Understanding and measuring the shelf-life of food is an important reference for all those concerned with extending the shelf-life of food.

- Reviews the key factors in determining shelf-life and how they can be measured
- Examines the importance of the shelf-life of a product in determining its quality and profitability
- Brings together the leading international experts in the field

 [Download Understanding and Measuring the Shelf-Life of Food ...pdf](#)

 [Read Online Understanding and Measuring the Shelf-Life of Fo ...pdf](#)

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition)

From Brand: Woodhead Publishing

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing

The shelf-life of a product is critical in determining both its quality and profitability. This important collection reviews the key factors in determining shelf-life and how it can be measured.

Part one examines the factors affecting shelf-life and spoilage, including individual chapters on the major types of food spoilage, the role of moisture and temperature, spoilage yeasts, the Maillard reaction and the factors underlying lipid oxidation. Part two addresses the best ways of measuring the shelf-life of foods, with chapters on modelling food spoilage, measuring and modelling glass transition, detecting spoilage yeasts, measuring lipid oxidation, the design and validation of shelf-life tests and the use of accelerated shelf-life tests.

Understanding and measuring the shelf-life of food is an important reference for all those concerned with extending the shelf-life of food.

- Reviews the key factors in determining shelf-life and how they can be measured
- Examines the importance of the shelf-life of a product in determining its quality and profitability
- Brings together the leading international experts in the field

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing Bibliography

- Sales Rank: #4219183 in Books
- Brand: Brand: Woodhead Publishing
- Published on: 2004-05-24
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .94" w x 6.14" l, 1.69 pounds
- Binding: Hardcover
- 448 pages



[Download Understanding and Measuring the Shelf-Life of Food ...pdf](#)



[Read Online Understanding and Measuring the Shelf-Life of Fo ...pdf](#)

Download and Read Free Online Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing

Editorial Review

Review

...a valuable reference on the subject for food science professionals, researchers and students alike., Food Australia

...a good grounding and contemporary overview of issues which affect shelf-life.a useful guide for students and teachers., International Journal of Food Science and Technology

...aimed at all those involved in the food chain and, in general, it serves the needs of food industry practitioners well., International Journal of Food Science and Technology

About the Author

Dr Rob Steele is Head of the Packaging Materials Development Section of Food Science Australia.

Users Review

From reader reviews:

Chad Jones:

Typically the book Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) has a lot of knowledge on it. So when you make sure to read this book you can get a lot of gain. The book was authored by the very famous author. McDougal makes some research ahead of write this book. This book very easy to read you can get the point easily after reading this article book.

Sidney Robertson:

Do you have something that that suits you such as book? The reserve lovers usually prefer to opt for book like comic, limited story and the biggest an example may be novel. Now, why not trying Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) that give your entertainment preference will be satisfied through reading this book. Reading practice all over the world can be said as the way for people to know world much better then how they react towards the world. It can't be explained constantly that reading behavior only for the geeky person but for all of you who wants to possibly be success person. So , for all of you who want to start looking at as your good habit, you are able to pick Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) become your current starter.

Ella Norman:

Do you really one of the book lovers? If yes, do you ever feeling doubt while you are in the book store? Aim to pick one book that you find out the inside because don't assess book by its protect may doesn't work here is difficult job because you are scared that the inside maybe not seeing that fantastic as in the outside seem likes. Maybe you answer could be Understanding and Measuring the Shelf-Life of Food (Woodhead

Publishing Series in Food Science, Technology and Nutrition) why because the excellent cover that make you consider in regards to the content will not disappoint a person. The inside or content is usually fantastic as the outside or cover. Your reading 6th sense will directly guide you to pick up this book.

Cheryl Crockett:

That book can make you to feel relax. This book Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) was bright colored and of course has pictures on there. As we know that book Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) has many kinds or type. Start from kids until adolescents. For example Naruto or Investigator Conan you can read and think you are the character on there. Therefore not at all of book are make you bored, any it can make you feel happy, fun and loosen up. Try to choose the best book for you and try to like reading that.

Download and Read Online Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing #C4TRMGDOL0Z

Read Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing for online ebook

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing books to read online.

Online Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing ebook PDF download

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing Doc

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing MobiPocket

Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing EPub

C4TRMGDOL0Z: Understanding and Measuring the Shelf-Life of Food (Woodhead Publishing Series in Food Science, Technology and Nutrition) From Brand: Woodhead Publishing