



## Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition)

By Marcel Roberfroid



Download



Read Online

**Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition)** By Marcel Roberfroid

Inulin and oligofructose are naturally occurring resistant carbohydrates that have a variety of uses as functional food ingredients. In addition to their role as prebiotics that selectively stimulate the growth of beneficial bacteria in the intestines, these inulin-type fructans act as dietary fiber in the digestive system and have applications as a sugar substitute and fat replacer.

*Written by one of the leading researchers in the field, **Inulin-Type Fructans: Functional Food Ingredients** describes inulin-type fructans and explains how they can be analyzed, quantified, and used in a wide variety of food products. The text evaluates the nutritional properties of inulin-type fructans, focusing on their behavior in the upper gastrointestinal tract that have led to their classification as dietary fiber and low calorie carbohydrates. Following a review of the selective and beneficial modification of the intestinal microflora that led to the discovery of prebiotics, the book concentrates on the relationship of inulin and oligofructose to lipid metabolism, carcinogenesis, mineral absorption, and the immune system. The text concludes with a general discussion of the classification of inulin-type fructans as functional food ingredients.*

Each chapter begins with background information on the physiology and biochemistry of the particular function covered as well as on the methodology used to assess these functions, and concludes with a summary of the results and perspectives on future development. The combination of authoritative research data and insightful perspectives provides a comprehensive overview of this growing field.



[Download Inulin-Type Fructans: Functional Food Ingredients ...pdf](#)



[Read Online Inulin-Type Fructans: Functional Food Ingredient ...pdf](#)

# Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition)

By Marcel Roberfroid

## **Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid**

Inulin and oligofructose are naturally occurring resistant carbohydrates that have a variety of uses as functional food ingredients. In addition to their role as prebiotics that selectively stimulate the growth of beneficial bacteria in the intestines, these inulin-type fructans act as dietary fiber in the digestive system and have applications as a sugar substitute and fat replacer.

*Written by one of the leading researchers in the field, **Inulin-Type Fructans: Functional Food Ingredients** describes inulin-type fructans and explains how they can be analyzed, quantified, and used in a wide variety of food products. The text evaluates the nutritional properties of inulin-type fructans, focusing on their behavior in the upper gastrointestinal tract that have led to their classification as dietary fiber and low calorie carbohydrates. Following a review of the selective and beneficial modification of the intestinal microflora that led to the discovery of prebiotics, the book concentrates on the relationship of inulin and oligofructose to lipid metabolism, carcinogenesis, mineral absorption, and the immune system. The text concludes with a general discussion of the classification of inulin-type fructans as functional food ingredients.*

Each chapter begins with background information on the physiology and biochemistry of the particular function covered as well as on the methodology used to assess these functions, and concludes with a summary of the results and perspectives on future development. The combination of authoritative research data and insightful perspectives provides a comprehensive overview of this growing field.

## **Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid** **Bibliography**

- Sales Rank: #2517701 in Books
- Published on: 2004-10-28
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x 6.25" w x 1.00" l, 1.51 pounds
- Binding: Hardcover
- 392 pages

 [Download Inulin-Type Fructans: Functional Food Ingredients ...pdf](#)

 [Read Online Inulin-Type Fructans: Functional Food Ingredient ...pdf](#)



## **Download and Read Free Online Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid**

---

### **Editorial Review**

### **Users Review**

#### **From reader reviews:**

##### **Jared Williams:**

Do you one of people who can't read pleasurable if the sentence chained from the straightway, hold on guys this aren't like that. This Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) book is readable by you who hate the straight word style. You will find the facts here are arrange for enjoyable examining experience without leaving even decrease the knowledge that want to offer to you. The writer of Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) content conveys objective easily to understand by lots of people. The printed and e-book are not different in the content but it just different as it. So , do you still thinking Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) is not loveable to be your top checklist reading book?

##### **Diane Lomas:**

Hey guys, do you really wants to finds a new book to learn? May be the book with the concept Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) suitable to you? Often the book was written by well known writer in this era. The actual book untitled Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition)is the main one of several books which everyone read now. This particular book was inspired a number of people in the world. When you read this e-book you will enter the new dimension that you ever know previous to. The author explained their concept in the simple way, and so all of people can easily to understand the core of this publication. This book will give you a great deal of information about this world now. In order to see the represented of the world with this book.

##### **Josephine Widman:**

Many people spending their time frame by playing outside with friends, fun activity with family or just watching TV all day long. You can have new activity to pay your whole day by reading through a book. Ugh, do you consider reading a book can definitely hard because you have to accept the book everywhere? It fine you can have the e-book, bringing everywhere you want in your Cell phone. Like Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) which is finding the e-book version. So , why not try out this book? Let's observe.

##### **Clifford McDaniel:**

Is it an individual who having spare time in that case spend it whole day by watching television programs or just laying on the bed? Do you need something totally new? This Inulin-Type Fructans: Functional Food

Ingredients (Modern Nutrition) can be the respond to, oh how comes? The new book you know. You are therefore out of date, spending your free time by reading in this completely new era is common not a nerd activity. So what these textbooks have than the others?

**Download and Read Online Inulin-Type Fructans: Functional Food  
Ingredients (Modern Nutrition) By Marcel Roberfroid  
#YB5MQWG8ZSD**

## **Read Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid for online ebook**

Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid 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 Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid books to read online.

### **Online Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid ebook PDF download**

### **Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid Doc**

**Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid Mobipocket**

**Inulin-Type Fructans: Functional Food Ingredients (Modern Nutrition) By Marcel Roberfroid EPub**