

# Contents

PREFACE vii

CHAPTER 1 INTRODUCTION 1

CHAPTER 2 AMINO ACIDS, PEPTIDES, AND PROTEINS 3

CHAPTER 3 FATS, OILS, AND OTHER LIPIDS 91

CHAPTER 4 SACCHARIDES 215

CHAPTER 5 VITAMINS 369

CHAPTER 6 MINERAL ELEMENTS 439

CHAPTER 7 WATER 499

CHAPTER 8 FLAVOUR-ACTIVE COMPOUNDS 537

CHAPTER 9 PIGMENTS AND OTHER COLOURANTS 711

CHAPTER 10 NATURAL ANTINUTRITIONAL, TOXIC, AND OTHER BIOACTIVE COMPOUNDS 819

CHAPTER 11 FOOD ADDITIVES 937

CHAPTER 12 FOOD CONTAMINANTS 989

BIBLIOGRAPHY 1103

INDEX 1159

Contents

PREFACE vii

CHAPTER 1 INTRODUCTION 1

CHAPTER 2 AMINO ACIDS, PEPTIDES, AND PROTEINS 21

CHAPTER 3 LIPIDS AND OTHER LIPIDS 51

CHAPTER 4 SACHARIDES 218

CHAPTER 5 VITAMINS 362

CHAPTER 6 MINERAL ELEMENTS 432

CHAPTER 7 WATER 492

CHAPTER 8 PLANT-DERIVED COMPOUNDS 531

CHAPTER 9 - PIGMENTS AND OTHER COLOURANTS 711

CHAPTER 10 - NATURAL ANTINUTRITIONAL TOXIC AND OTHER BIOACTIVE COMPOUNDS 812



RÓVANA  
22F VELISE



00583/21