1. Record Nr. UNINA9910817547403321 Autore Stone Herbert Titolo Sensory evaluation practices / / Herbert Stone and Joel L. Sidel Pubbl/distr/stampa Amsterdam;; Boston,: Elsevier Academic Press, c2004 **ISBN** 1-280-90285-X 9786610902859 0-08-047435-7 Edizione [3rd ed.] Descrizione fisica 1 online resource (395 p.) Food science and technology international series Collana Altri autori (Persone) SidelJoel L Disciplina 664/.072 Soggetti Food - Sensory evaluation Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references (p. [345]-364) and index. Front Cover; Sensory Evaluation Practices; Copyright Page; Contents; Nota di contenuto Foreword; Preface, First Edition; Preface, Second Edition; Preface, Third Edition; About the Authors; Chapter 1. Introduction to Sensory Evaluation; I. Introduction and Objective; II. Historical Background; III. Development of Sensory Evaluation; IV. Defining Sensory Evaluation; V. A Physiological and Psychological Perspective; Chapter 2. The Organization and Operation of a Sensory Evaluation Program; I. Introduction; II. Organizing a Sensory Evaluation Program; III. Conclusions; Chapter 3. Measurement; I. Introduction II. Components of Measurement: Scales III. Selected Measurement Techniques: IV. Conclusions: Chapter 4. Test Strategy and the Design of Experiments: I. Introduction: II. Test Request and Objective: III. Product Criteria; IV. Psychological Errors; V. Statistical Considerations; VI. Experimental Design Considerations; VII. Selected Product Designs; Chapter 5. Discrimination Testing; I. Introduction; II. Methods; III. Components of Testing; IV. Special Problems; V. Summary; Chapter 6. Descriptive Analysis: I. Introduction: II. Test Methods: III. Applications for Descriptive Analysis IV. ConclusionsChapter 7. Affective Testing; I. Introduction; II. Methods;

III. Subjects; IV. Types of Acceptance Testing; V. Special Problems; VI.

Instrument-Sensory Relationships; III. Experts and Expert Panels; IV. Perceived Efficacy and Advertising Claims; V. Stability Testing; VI.

Conclusions; Chapter 8. Special Problems; I. Introduction; II.

Product Development; VII. Quality Control; VIII. Optimization; IX. Conclusions; Chapter 9. Epilogue; I. Introduction; II. Education and the Sensory Professional; III. The Future; References; Index; Food Science and Technology

Sommario/riassunto

The enjoyment of products is closely related to the senses, and in the case of food - mainly taste, aroma and texture. Sensory evaluation is a dynamic field concentrating on the utilization of humans for the measurement of sensory perceptions and/or their effect on food and taste acceptance. Since 1985 when the first edition of this book was published, there have been many changes in he field of sensory evaluation. Sensory Evaluation Practices, Third Edition provides a critical evaluation of all current developments in the field, recognizing the impact that the discipline has had