1. Record Nr. UNINA9910144335803321 Autore Schrieber Reinhard Titolo Gelatine handbook [[electronic resource]]: theory and industrial practice / / Reinhard Schrieber and Herbert Gareis Pubbl/distr/stampa Weinheim,: Wiley-VCH Chichester, : John Wiley [distributor], 2007 **ISBN** 1-280-92169-2 9786610921690 3-527-61096-0 3-527-61097-9 Edizione [1st ed.] Descrizione fisica 1 online resource (349 p.) Altri autori (Persone) GareisHerbert 664.01 Disciplina 664.26 Soggetti Gelatin Gelatin industry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Gelatine Handbook; Contents; Gelatine - An Element of Our Life; 1 Introduction; 1.1 Gelatine - Yesterday, Today, and Tomorrow; 1.1.1 The Future of Gelatine Has Just Begun - Its Multi-faceted History Is Proof; 1.1.2 It All Began with Glue; 1.1.3 Pure Luxury for Kings and Aristocrats; 1.1.4 During the Napoleonic Wars, Gelatine Was Systematically Researched as a Source of Protein: 1.1.5 Suddenly. Medicines No Longer Had a Bitter Taste: 1.1.6 Gelatine Helped to Popularize Photography: 1.1.7 Magically Appearing Text: 1.1.8 Gelatine Literally on Everyone's Lips 1.1.9 An Essential Element of Our Daily Lives 1.2 The Development of the Gelatine Industry; 1.2.1 Period 1800-1865; 1.2.2 Period 1866-1900; 1.2.3 Period 1901-1914; 1.2.4 Period 1915-1918; 1.2.5 Period 1919-1939; 1.2.6 Period 1940-1948; 1.2.7 Period 1949-1972; 1.2.8 Period 1973-1993; 1.2.9 Period 1994-2005; References; 2 From Collagen to Gelatine; 2.1 Basic Chemical/Physical Principles and Technological Properties; 2.1.1 Basic Chemical/Physical Principles;

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Sommario/riassunto

A practical summary of the technical and technological as well as nutritional and physiological properties attained through the targeted selection of raw materials and the corresponding production processes. The two authors come from the world's leading gelatine company and adopt here an international approach, enabling their knowledge to be transferred between the various application areas on a global scale. Following an introduction to and the history of gelatine, the text surveys the global industry and current trends, before going on to analyze the basic physical, chemical and technolog