1. Record Nr. UNINA9911019454503321 Autore Pegg Ronald B **Titolo** Nitrite curing of meat: the N-nitrosamine problem and nitrite alternatives / / by Ronald B. Pegg and Fereidoon Shahidi Trumbull, Conn., : Food & Nutrition Press, c2000 Pubbl/distr/stampa **ISBN** 9786611450298 9781281450296 1281450294 9780470385081 0470385081 9780470384862 0470384867 Descrizione fisica 1 online resource (280 p.) Collana Publications in food science and nutrition Altri autori (Persone) ShahidiFereidoon <1951-> Disciplina 664.926 Soggetti Nitrites - Analysis Nitrosoamines - Analysis Meat - Preservation 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 NITRITE CURING OF MEAT: CONTENTS: 1. INTRODUCTION: 2. HISTORY OF THE CURING PROCESS; 3. THE COLOR OF MEAT; 4. OXIDATIVE STABILITY OF MEAT LIPIDS; 5. FLAVOR OF MEAT; 6. MEAT MICROBIOLOGY: 7. THE FATE OF NITRITE: 8. POTENTIAL HEALTH CONCERNS ABOUT NITRITE; 9. POSSIBLE SUBSTITUTES FOR NITRITE; GLOSSARY; INDEX Sommario/riassunto Meat has been treated for centuries with rock salt as a means of preservation. However, only one century has passed since the German researchers, Polenske in 1891, Kisshalt in 1899, and Lehmann in 1899. discovered that the active component in the curing process was nitrite. Soon after the role of nitrite as a meat curing agent was revealed, government regulators placed guidelines on the level of nitrite and

nitrate permitted for use in cured meat formulations. In the late 1960s and early 1970s, the development of the so-called ""nitrite problem""