Record Nr. UNINA9910144336203321 Risk assessment for chemicals in drinking water / / edited by Robert A. **Titolo** Howd, Anna M. Fan Pubbl/distr/stampa Hoboken, New Jersey:,: Wiley-Interscience,, [2008] ©2008 **ISBN** 9780470173381 1-281-22146-5 9786611221461 0-470-17338-6 0-470-17337-8 Descrizione fisica 1 online resource (389 p.) Disciplina 613.2 613.2/87 613.287 Aigua potable - Toxicologia Soggetti Aigua potable - Contaminació Riscos per a la salut - Avaluació Drinking water - Contamination - Health aspects Health risk assessment Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto RISK ASSESSMENT FOR CHEMICALS IN DRINKING WATER; CONTENTS; Contributors; Foreword; Preface; 1 Introduction to Drinking Water Risk Assessment; Development of Drinking Water Regulations; The Risk Assessment Process; Public Perceptions and the Precautionary Principle; References: 2 Summary of the Development of Federal Drinking Water Regulations and Health-Based Guidelines for Chemical Contaminants: Selecting Candidates for Regulatory Consideration; Key Components for Regulatory Development: Development of Regulatory Values: Nonregulatory Options; References 3 Interpretation of Toxicologic Data for Drinking Water Risk

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Sommario/riassunto

A comprehensive reference on state-of-the-art risk assessment methodologies for drinking waterRisk Assessment for Chemicals in Drinking Water discusses the major steps and goals in risk assessments and suggests ways to improve the methodologies and accuracy, while consolidating up-to-date information on the current principles and practices in one authoritative reference. After an enlightening overview of risk assessment practices and regulatory guidelines, it: Includes descriptions of the use of variability analysis, exposure analysis, physiologically based pharmacokinet