1. Record Nr. UNINA9910144327403321 Autore Ramstorp Matts **Titolo** Introduction to contamination control and cleanroom technology [[electronic resource] /] / Matts Ramstorp Weinheim; New York, Wiley-VCH, c2000 Pubbl/distr/stampa **ISBN** 1-281-76407-8 9786611764074 3-527-61312-9 3-527-61313-7 Descrizione fisica 1 online resource (182 p.) Disciplina 620.86 660.28 Soggetti Clean rooms Contamination (Technology) Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references (p. [155]-159) and index. Nota di bibliografia Nota di contenuto Introduction to Contamination Control and Cleanroom Technology; Contents: 1 Contamination control - an introduction: 1.1 Introduction: 1.2 Contamination control; 1.3 History; 1.4 Standardization; 1.4.1 Good Manufacturing Practice (GMP); 1.5 High levels of knowledge are of vital importance: 1.5.1 Fifty years of contamination control: 1.5.2 The source, dispersion and deposition of con-taminants; 1.5.3 Air cleanliness; 1.6 Conclusions; 2 Contaminants; 2.1 Introduction; 2.2 Cleanliness: 2.3 Contaminants: 2.3.1 Particulate contamination: 2.3.2 The particle content of air 2.3.3 Chemical contaminant2.3.4 Physical risk factors; 2.3.5 Sources of contamination; 2.3.6 The dispersion and spread of contaminants; 2.3.7 How can contaminants be transferred from their sources?; 2.4 Cleanliness requirements; 2.5 Microorganisms; 2.5.1 Bacteria; 2.5.2 Algae: 2.5.3 Fungi: 2.5.4 Protozoa: 2.5.5 Viruses: 2.5.6 Growth of

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Sommario/riassunto

Contamination control is being used by more and more industries where the highest level of cleanliness and hygiene is of vital importance. This book covers the basic principles of contamination control and cleanroom technology from a holistic point of view. It deals with cleanliness and hygiene and their effects on the outcome of a process, reflecting the latest results from both scientific and practical points of view. The following topics are covered:contaminants and how they are measuredcleanrooms and clean zonescleaning and decontaminationcleanroom clothingthe impact