Record Nr. UNINA9910787324103321 Downstream industrial biotechnology [[electronic resource]]: recovery **Titolo** and purification / / edited by Michael C. Flickinger Pubbl/distr/stampa Hoboken, N.J., : John Wiley & Sons Inc., 2013 **ISBN** 1-118-61898-X 1-118-61912-9 Descrizione fisica 1 online resource (875 p.) SCI010000 Classificazione Altri autori (Persone) FlickingerMichael C Disciplina 660.6 Soggetti Biotechnology 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 pt. I. Introduction -- pt. II. Downstream recovery of cells and protein capture -- pt. III. Process development in downstream purification -pt. IV. Equipment design for downstream recovery and protein purification -- pt. V. Downstream cGMP operations -- pt. VI. Biopharmaceutical facility validation -- pt. VII. FDA cGMP regulatory compliance. "Universities worldwide are establishing biomanufacturing centers, and Sommario/riassunto demand is growing for a workforce trained in this discipline. Downstream Recovery and Purification is an affordable, accessible desk reference on biomanufacturing for professionals, instructors, and students. With information on equipment, process and facility design, cGMP operation, and regulatory compliance, it is based on Wiley's 7volume Encyclopedia of Industrial Biotechnology, Bioprocess, Bioseparation, and Cell Technology and features more than 50 carefully selected articles. Students and professionals alike will value this practical guide"--