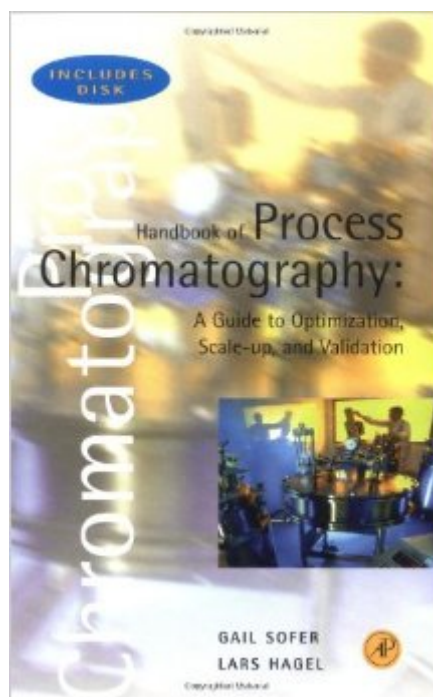


The book was found

Handbook Of Process Chromatography: A Guide To Optimization, Scale Up, And Validation



Synopsis

This handbook is an excellent reference for graduates and researchers in biotechnology and practitioners in the pharmaceutical industry who wish to develop a commercial chromatographic purification process. The authors guide readers through each step of the development process, beginning with basic chromatography theory and practice and incorporating examples from companies with established processes and approved biotherapeutics. They also cover properties of biological molecules, and reveal pitfalls often encountered in the process. Design strategies are discussed in depth, considering common starting materials and their impact on purification design, scale-up concerns, and validation. The authors use their extensive consulting and teaching experience to present a practical approach to developing an optimal chromatographic process, scaling it up, and meeting requirements set forth by regulatory agencies. The included diskette contains modeling exercises providing valuable insights into the influence of chromatographic parameters on separation results and the impact of process design on production costs, making the Handbook an excellent hands-on teaching tool. Key Features* Considers the entire scope of process chromatography, including scale up, regulatory issues, equipment, evaluation studies, scheduling, and cost-effectiveness* Provides examples from companies with established processes and approved biotherapeutics* Includes an appendix which lists the most pertinent regulatory documents, allowing the user to gather necessary information to comply with global regulatory expectations for process chromatography* Contains a modeling program on the included disk

Book Information

Hardcover: 387 pages

Publisher: Academic Press; 1 edition (July 8, 1997)

Language: English

ISBN-10: 012654266X

ISBN-13: 978-0126542660

Product Dimensions: 9.4 x 6.2 x 1 inches

Shipping Weight: 1.2 pounds

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #3,663,880 in Books (See Top 100 in Books) #75 inÂ Books > Science & Math > Chemistry > Chromatography #1232 inÂ Books > Science & Math > Chemistry > Analytic #2601 inÂ Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

Perfect for someone wanting to learn about IQ/OQ/PQ for chromatography. Easy to read. Good presentation. Useful examples. Software is great addition. Very practical approach. Plenty of useful up-to-date references. Great buy!

[Download to continue reading...](#)

Handbook of Process Chromatography: A Guide to Optimization, Scale Up, and Validation
CHROMATOGRAPHY OF ALKALOIDS, PART A, Volume 23A: THIN-LAYER
CHROMATOGRAPHY (Journal of Chromatography Library) Gradient Elution in Column Liquid
Chromatography: Theory and Practice (Journal of Chromatography Library) Validation of Cell-Based
Assays in the GLP Setting: A Practical Guide Quantitative Electroencephalographic Analysis
(QEEG) Databases for Neurotherapy: Description, Validation, and Application Validation for Medical
Device and Diagnostic Manufacturers, Second Edition The Validation Breakthrough: Simple
Techniques for Communicating with People with Alzheimer's and Other Dementias Verification and
Validation in Scientific Computing Good Computer Validation Practices: Common Sense
Implementation Validation of Aseptic Pharmaceutical Processes Validation of Pharmaceutical
Processes: Sterile Products, Second Edition Revelation Validation: An Investigation into the Origin
of The Urantia Book Handbook Of Size Exclusion Chromatography And Related Techniques:
Revised And Expanded (Chromatographic Science Series) Handbook Of Thin-Layer
Chromatography, Second Edition (Practical Spectroscopy) Handbook of Thin-Layer
Chromatography (Chromatographic Science Series) The Hop Grower's Handbook: The Essential
Guide for Sustainable, Small-Scale Production for Home and Market Groups: Process and Practice,
9th Edition (HSE 112 Group Process I) Groups: Process and Practice (HSE 112 Group Process I)
Interpersonal Process in Therapy: An Integrative Model (Skills, Techniques, & Process) Separation
Process Principles with Applications Using Process Simulators

[Dmca](#)