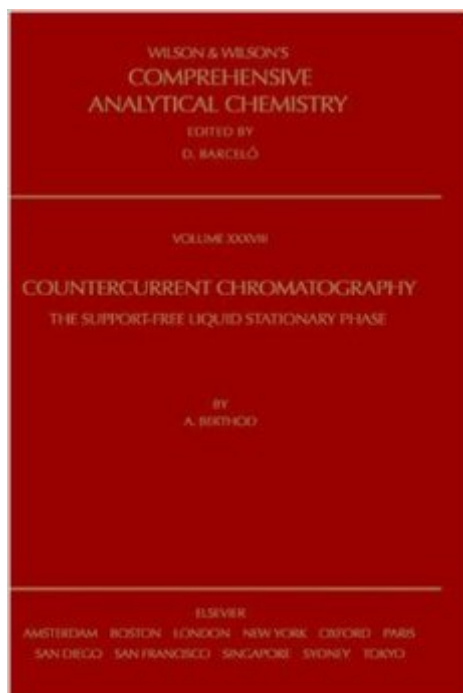


The book was found

Countercurrent Chromatography, Volume 38 (Comprehensive Analytical Chemistry)



Synopsis

Countercurrent chromatography (CCC) is a separation technique in which the stationary phase is a liquid. The mobile phase is also a liquid, so biphasic liquid systems with at least two solvents are used. Centrifugal fields are used to hold the liquid stationary phase while pushing the liquid mobile phase through it. This comprehensive reference covers recent advancements in the two types of CCC machines: the high speed CCCs without rotary seals and with coiled spools and centrifugal partition chromatographs (CPC) with rotary seals and interconnected channels. Written by leading international experts in the CCC field, the book focuses on the liquid nature of the stationary phase: giving newcomers the basis to do CCC efficiently and rapidly; explaining the art of obtaining a biphasic liquid system; describing the flow patterns in both CPC and high speed CCC machines; showing possible other uses of a liquid stationary phase; presenting a wealth of applications in the separation of organic, pharmaceutical and inorganic mixtures; and demonstrating that even supercritical fluids can be used in CCC.

Book Information

Series: Comprehensive Analytical Chemistry (Book 38)

Hardcover: 422 pages

Publisher: Elsevier Science; 1 edition (October 24, 2002)

Language: English

ISBN-10: 044450737X

ISBN-13: 978-0444507372

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,331,553 in Books (See Top 100 in Books) #146 in Books > Science & Math > Chemistry > Chromatography #2097 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry #2187 in Books > Science & Math > Chemistry > Analytic

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

Countercurrent Chromatography, Volume 38 (Comprehensive Analytical Chemistry)

CHROMATOGRAPHY OF ALKALOIDS, PART A, Volume 23A: THIN-LAYER

CHROMATOGRAPHY (Journal of Chromatography Library) Countercurrent Chromatography

(Chromatographic Science Series) Nuclear techniques in analytical chemistry, (International series

of monographs on analytical chemistry) The Analysis of Gases by Chromatography (Pergamon series in analytical chemistry) High Performance Liquid Chromatography (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Gas Chromatography: Analytical Chemistry by Open Learning Thin Layer Chromatography (Analytical Chemistry by Open Learning) Gradient Elution in Column Liquid Chromatography: Theory and Practice (Journal of Chromatography Library) Photometric Methods in Inorganic Trace Analysis (Comprehensive Analytical Chemistry) (Vol 20) Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Six-Membered Rings With One Nitrogen Atom Comprehensive Heterocyclic Chemistry : Comprehensive Heterocyclic Chemistry, Five-Membered Rings with Oxygen, Sulfur or Two or More Nitrogen Atoms Analysis and Purification Methods in Combinatorial Chemistry (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Ace Organic Chemistry I: The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Ace General Chemistry I: The EASY Guide to Ace General Chemistry I: (General Chemistry Study Guide, General Chemistry Review) Chromatography and Separation Chemistry: Advances and Developments (ACS Symposium Series) Handbook of Petroleum Product Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Handbook of Coal Analysis (Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications) Student Solutions Manual for Skoog/West/Holler/Crouch's Fundamentals of Analytical Chemistry, 9th

[Dmca](#)