

BOOK REVIEW

ADVANCES IN CHROMATOGRAPHY. VOLUME 35.

Edited by Phyllis R. Brown and Eli Grushka  
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The latest in this well-known series consists of 8 chapters: (1) Optical Detectors for Capillary Electrophoresis; (2) Capillary Electrophoresis Coupled with Mass Spectrometry; (3) Approach for the Optimization of Experimental Parameters in Capillary Zone Electrophoresis; (4) Crawling Out of the Chiral Pool: The Evolution of Pirkle-Type Chiral Stationary Phases; (5) Pharmaceutical Analysis by Capillary Electrophoresis; (6) Chromatographic Characterization of Gasolines; (7) Reverse-Phase Ion-Pair and Ion-Interaction Chromatography, and (8) Error Sources in the Determination of Chromatographic Peak Size Ratios.

Four of the eight chapters of this volume are concerned with capillary electrophoresis (CE), a powerful newly emerging separation technique. They are well written by experts in the field and meet the usually high standards set in previous volumes of this series. While the coverage of these articles is extensive, they are timely and quite informative. The chapter by Tomer *et al.*, describing CE coupled with mass spectrometry, explores recently developed methodology and hence is more limited in scope. In addition to the pharmaceutical applications of CE, the chapter by Li *et al.* includes a short, but critical comparison of CE with more traditional HPLC.

The remaining chapters are devoted to specialized LC topics: Pirkle columns and reversed ion-pair and ion-interaction chromatography, and the last chapter covers the topic of error in the determination of peak ratios. A subject index is included and also a listing of the contents of the previous 22 volumes which are still available from the publisher.

In summary, this volume will be a valuable asset to a wide range of scientists in the field including those who need updated accounts of the theory and application of CE.

Bongsup P. Cho, Ph.D.  
Department of Medicinal Chemistry  
University of Rhode Island  
Kingston, Rhode Island 02881