

Capillary Electrophoretic Separations of Drugs (Journal of Chromatography Supplementary Volume)



Drug analysis by capillary electrophoresis is a rapidly growing field offering fast, reliable and robust procedures that may represent either complementary or superior analytical technology to high performance chromatography. This methodology is useful both in process control, pharmacological testing and in clinical evaluation. The main advantage of this separation technique is primarily in minimized sample size needed for analysis, easy hyphenation and short running times. The reviews presented in this volume are devoted to general approach and strategies in elaborating new methods, purity testing, separation of enantiomers and separations of selected categories of drugs. Original contributions focus on techniques optimization and comparison of capillary electrophoresis with chromatography, separation of enantiomers and separations of macromolecular drugs. Special attention is paid to detection methods, forensic and toxicological applications and validation procedures. Features of this book: Provides applications of capillary electrophoresis. Covers separation of drug enantiomers. Optimization procedures for drug analysis by capillary electrokinetics are given. This volume is likely to find its audience among professionals working in the control of drug production, pharmacological, pre-clinical and clinical testing as well as among those interested in the analysis of misused drugs.

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