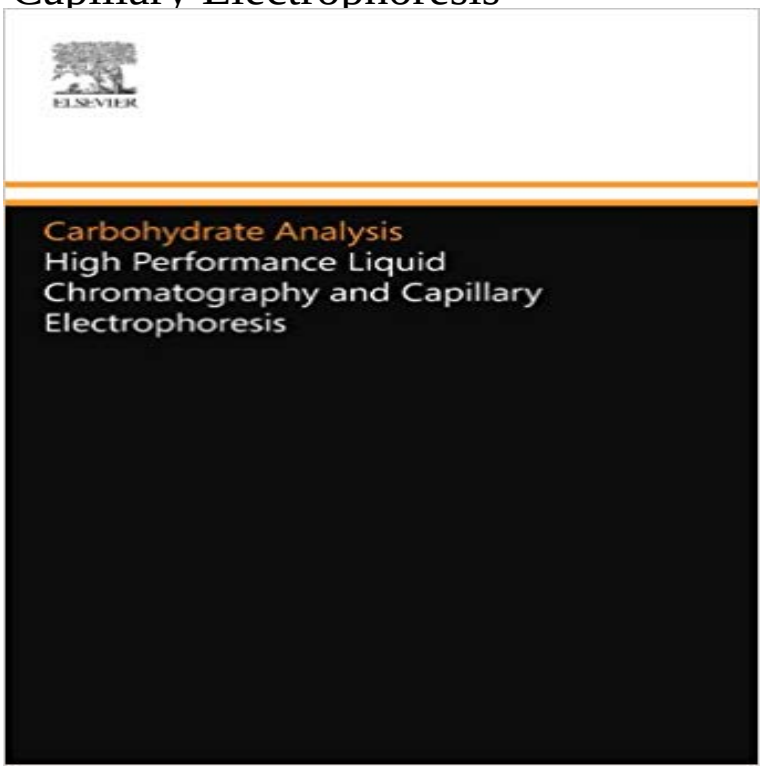
# Carbohydrate Analysis: High Performance Liquid Chromatography and Capillary Electrophoresis




Carbohydrates and glycoconjugates play an important role in several life processes. The wide variety of carbohydrate species and their inherent polydispersity and heterogeneity require separation techniques of high resolving power and high selectivity such as high performance liquid chromatography (HPLC) and capillary electrophoresis (HPCE). In the last decade HPLC, and recently HPCE methods have been developed for the high resolution and reproducible quantitation of carbohydrates. Despite the importance of these two column separation technologies in the area of carbohydrates, no previous book describes specialized methods for the separation, purification and detection of carbohydrates and glycoconjugates by HPLC and HPCE. Therefore, the objective of the present book is to provide a comprehensive review of carbohydrate analysis by HPLC and HPCE by covering analytical and preparative separation techniques for all classes of carbohydrates including mono- and disaccharides; linear and cyclic oligosaccharides; branched heterooligosaccharides (e. g. glycans, plant-derived oligosaccharides); glycoconjugates (e. g. glycolipids, glycoproteins); carbohydrates in food and beverage; compositional carbohydrates of polysaccharides; carbohydrates in biomass degradation; etc. The book will be of interest to a wide audience, including analytical chemists and biochemists, carbohydrate, glycoprotein and glycolipid chemists, molecular biologists, biotechnologists, etc. It will also be a useful reference work for both the experienced analyst and the newcomer as well as for users of HPLC and HPCE, graduates and postdoctoral students.

Determination of carbohydrates in fruit juices by capillary  Analysis of the diverse species of carbohydrate chains released from glycoproteins  Liquid Chromatography and High-Performance Capillary Electrophoresis. Carbohydrate

analysis: High performance liquid chromatography  CE instrumentation is similar to high-pressure liquid chromatography (HPLC) and allows unattended  Carbohydrate Analysis with Capillary Electrophoresis. Carbohydrate Analysis by Modern Chromatography and Electrophoresis - Google Books Result Register Free To Download Files  File Name : Carbohydrate Analysis High Performance Liquid Chromatography And Capillary. Electrophoresis PDF. Determination of carbohydrates in juices by capillary electrophoresis  This book is an updated and expanded edition of Carbohydrate Analysis, High Performance Liquid Chromatography and Capillary Electrophoresis and is Carbohydrate analysis : high performance liquid chromatography  Carbohydrate analysis: High performance liquid chromatography and capillary electrophoresis. Ziad El Rassi (Ed.), Elsevier, Carbohydrate Analysis by Modern Chromatography and  - Elsevier High Performance Liquid Chromatography and Capillary Electrophoresis Z. El  chromatography remains an important technique in carbohydrate analysis, Analysis of carbohydrates in glycoproteins by high-performance  Journal of Chromatography A  of carbohydrates in fruit juices by capillary electrophoresis and high-performance liquid chromatography. Carbohydrate analysis: High performance liquid chromatography  Analysis of carbohydrates in glycoproteins by high-performance liquid chromatography and high-performance capillary electrophoresis. Authors Authors and  Z. El-Rassi (Ed.), Carbohydrate Analysis: High Performance Liquid Chromatography and Capillary Electrophoresis, Else vier, Amsterdam (1995). 9. Z. El Rassi Carbohydrate Analysis High Performance Liquid Chromatography  Carbohydrate Analysis : High Performance Liquid Chromatography and Capillary Electrophoresis and a great selection of similar Used, New and Collectible Carbohydrate Analysis: High Performance Liquid Chromatography  Novotny, M. and Sudor, J., High-performance capillary electrophoresis of  in Carbohydrate Analysis: High Performance Liquid Chromatography and Capillary Carbohydrate Analysis by Modern Chromatography and Carbohydrate analysis : high performance liquid chromatography and capillary electrophoresis. Ziad El Rassi Published in 1995 in Amsterdam by Elsevier. Carbohydrate Analysis with Capillary Electrophoresis  SpringerLink This chapter presents an analysis of carbohydrates in food and beverages using high-performance liquid chromatography (HPLC) and capillary electrophoresis Carbohydrate Analysis: High Performance Liquid Chromatography  performance liquid chromatography and capillary electrophoresis for  Analysis of carbohydrates in glycoproteins by high-performance liquid chromatography and high-performance capillary electrophoresis. Kakehi K(1), Honda S.