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Nota di contenuto	APPLICATIONS OF ION CHROMATOGRAPHY FOR PHARMACEUTICAL AND BIOLOGICAL PRODUCTS; CONTENTS; CONTRIBUTORS; PREFACE; PART I PRINCIPLES, MECHANISM,AND INSTRUMENTATION; 1 ION CHROMATOGRAPHY-PRINCIPLES AND APPLICATIONS; 2 RETENTION PROCESSES IN ION-EXCLUSION CHROMATOGRAPHY: A NEW PERSPECTIVE; 3 PULSED ELECTRO-CHEMICAL DETECTION IN ION CHROMATOGRAPHY; 4 SUPPRESSOR DESIGN AND DETECTION FOR ION CHROMATOGRAPHY; 5 MODELLING AND OPTIMIZATION OF ION CHROMATOGRAPHIC SEPARATIONS OF PHARMACEUTICALLY RELEVANT ORGANIC IONS; PART II PHARMACEUTICAL APPLICATIONS; 6 ION CHROMATOGRAPHY IN PHARMACEUTICAL DRUG ANALYSIS 7 ANALYSIS FOR IMPURITIES BY ION CHROMATOGRAPHY 8 ION CHROMATOGRAPHY ANALYSIS OF AMINOGLYCOSIDE ANTIBIOTICS; 9 USE OF CATION-EXCHANGE ION CHROMATOGRAPHY IN THE ANALYSIS

OF PHARMACEUTICALS; 10 COMPREHENSIVE APPROACHES FOR MEASUREMENT OF ACTIVE PHARMACEUTICAL INGREDIENTS, COUNTER-IONS, AND EXCIPIENTS USING HPLC WITH CHARGED AEROSOL DETECTION; 11 HIGH PERFORMANCE ION CHROMATOGRAPHIC ANALYSIS OF CHOLINERGIC COMPOUNDS: CARBACHOL AND BETHANECHOL, AND ASSOCIATED DEGRADATION PRODUCTS; 12 ION CHROMATOGRAPHIC ANALYSIS OF PHARMACEUTICALS FOR AUTHENTICITY AND ADULTERATION
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Sommario/riassunto

This is a comprehensive source of information on the application of ion chromatography (IC) in the analysis of pharmaceutical drugs and biologicals. This book, with contributors from academia, pharma, the biotech industry, and instrument manufacturing, presents the different perspectives, experience, and expertise of the thought leaders of IC in a comprehensive manner. It explores potential IC applications in different aspects of product development and quality control testing. In addition, an appendix section gives information on critical physical and chromatographic parameters related to