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6.8.STATIONARY PHASES AND COLUMNS FOR SIZE-EXCLUSION CHROMATOGRAPHY6.9.STATIONARY PHASES AND COLUMNS IN IMMUNOAFFINITY CHROMATOGRAPHY; References; Chapter7 - Mobile Phases and Their Properties; 7.1.CHARACTERIZATION OF LIQUIDS AS SOLVENTS; 7.2.ADDITIONAL PROPERTIES OF LIQUIDS AFFECTING SEPARATION; 7.3.PROPERTIES OF THE MOBILE PHASE OF IMPORTANCE IN HPLC, NOT RELATED TO SEPARATION; 7.4.BUFFERS AND OTHER ADDITIVES IN HPLC; 7.5.GRADIENT ELUTION; 7.6.MOBILE PHASE IN REVERSED-PHASE CHROMATOGRAPHY; 7.7.MOBILE PHASE IN ION-PAIR LIQUID CHROMATOGRAPHY; 7.8.MOBILE PHASE IN HILIC AND NPC
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9.4.STEPS IN DEVELOPMENT AND IMPLEMENTATION OF AN HPLC SEPARATION

Sommario/riassunto

Essentials in Modern HPLC Separations discusses the role of separation in high performance liquid chromatography (HPLC). This up-to-date reference systematically covers new developments in types and characteristics of stationary phases, mobile phases, and other factors of this technique that influence separation of compounds being analyzed. The volume also considers the selection process for stationary and mobile phases in relation to the molecules being separated and examined, as well as their matrices. The book includes a section on the contemporary applications of HPLC, p