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4.1 SELECTION OF THE MOBILE PHASE; 4.2 PREPARATION OF THE MOBILE PHASE; 4.3 GRADIENT SYSTEMS; 4.4 CAPILLARY TUBING; 4.5 FITTINGS; 4.6 SAMPLE INJECTORS; 4.7 SAMPLE SOLUTION AND SAMPLE VOLUME; 5 Solvent Properties; 5.1 TABLE OF ORGANIC SOLVENTS; 5.2 SOLVENT SELECTIVITY; 5.3 MISCIBILITY; 5.4 BUFFERS; 5.5 SHELF LIFE OF MOBILE PHASES; 5.6 THE MIXING CROSS; 6 Detectors; 6.1 GENERAL; 6.2 UV DETECTORS; 6.3 REFRACTIVE INDEX DETECTORS; 6.4 FLUORESCENCE DETECTORS; 6.5 ELECTROCHEMICAL (AMPEROMETRIC) DETECTORS; 6.6 LIGHT-SCATTERING DETECTORS
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10.5 METHOD DEVELOPMENT IN REVERSED-PHASE CHROMATOGRAPHY

Sommario/riassunto

Jump into the HPLC adventure! Three decades on from publication of the 1st German edition of Veronika Meyer's book on HPLC, this classic text remains one of the few titles available on general HPLC aimed at practitioners. New sections on the following topics have been included in this fifth edition: Comparison of HPLC with capillary electrophoresis How to obtain peak capacity van Deemter curves and other coherences Hydrophilic interaction chromatography Method transfer Comprehensive two-dimensional HPLC Fast separations at 1000 ba
