Record Nr. UNINA9910830652203321 Titolo Modern practice of gas chromatography [[electronic resource]] Hoboken, N.J., : Wiley-Interscience, c2004 Pubbl/distr/stampa **ISBN** 1-280-36819-5 9786610368198 0-470-30211-9 0-471-65115-X 0-471-65114-1 Edizione [4th ed.] Descrizione fisica 1 online resource (1059 p.) Altri autori (Persone) GrobRobert Lee BarryEugene F 543.0896 Disciplina 543.85 Soggetti Gas chromatography Cromatografia de gasos Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto MODERN PRACTICE OF GAS CHROMATOGRAPHY: CONTRIBUTORS: CONTENTS; Preface; 1. Introduction; PART I THEORY AND BASICS; 2. Theory of Gas Chromatography; 3. Columns: Packed and Capillary; Column Selection in Gas Chromatography; 4. Optimization of Separations and Computer Assistance; 5. High-Speed Gas Chromatography; PART II TECHNIQUES AND INSTRUMENTATION; 6. Detectors in Modern Gas Chromatography; 7. Techniques for Gas Chromatography/Mass Spectrometry; 8. Qualitative and Quantitative Analysis by Gas Chromatography; 9. Inlet Systems for Gas Chromatography 10. Gas Management Systems for Gas ChromatographyPART III APPLICATIONS; 11. Sample Preparation Techniques for Gas Chromatography; 12. Physicochemical Measurements by Gas Chromatography; 13. Petroleum and Petrochemical Analysis by Gas Chromatography; 14. Clinical and Pharmaceutical Applications of Gas

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Sommario/riassunto

The bible of gas chromatography-offering everything the professional and the novice need to know about running, maintaining, and interpreting the results from GCAnalytical chemists, technicians, and scientists in allied disciplines have come to regard Modern Practice of Gas Chomatography as the standard reference in gas chromatography. In addition to serving as an invaluable reference for the experienced practitioner, this bestselling work provides the beginner with a solid understanding of gas chromatographic theory and basic techniques. This new Fourth Edition incorporates the most re