1. Record Nr. UNINA9910459356803321 Autore Chatwal Gurdeep R **Titolo** Analytical chromatography [[electronic resource] /] / by Gurdeep R. Chatwal; edited by Madhu Arora Mumbai [India], : Himalaya Pub. House, 2006 Pubbl/distr/stampa **ISBN** 1-282-80169-4 9786612801693 1-4416-6136-0 93-5043-409-1 600-00-2712-5 Edizione [Rev. and enl. ed.] Descrizione fisica 1 online resource (195 p.) Altri autori (Persone) AroraMadhu Disciplina 543.8 Soggetti Chromatographic analysis - India Chemistry, Analytic - India Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto COVER: CONTENTS: GENERAL PRINCIPLES OF CHROMATOGRAPHY: PAPER CHROMATOGRAPHY: THIN - LAYER CHROMATOGRAPHY: ADSORPTION CHROMATOGRAPHY; LIQUID - LIQUID PARTITION CHROMATOGRAPHY; LIQUID - LIQUID CHROMATOGRAPHY (LLC) ON BONDED PHASES; LIQUID CHROMATOGRAPHY - MASS SPECTROMETRY; COUNTERCURRENT CHROMATOGRAPHY; GEL FILTRATION OR GEL (EXCLUSION) CHROMATOGRAPHY OR EXCLUSION (PERMEATION) CHROMATOGRAPHY; COLUMN CHROMATOGRAPHY; AFFINITY CHROMATOGRAPHY; HIGH PERFORMANCE (PRESSURE) LIQUID CHROMATOGRAPHY (HPLC); MEDIUM - PRESSURE LIQUID CHROMATOGRAPHY: GAS CHROMATOGRAPHY GAS - CHROMATOGRAPHY INFRARED SPECTROMETRYGAS -CHROMATOGRAPHY MASS SPECTROMETRY: ION EXCHANGE CHROMATOGRAPHY; ELECTROPHORETIC TECHNIQUES; CAPILLARY ELECTROPHORESIS; CAPILLARY ZONE ELECTROPHORESIS; CAPILLARY

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Sommario/riassunto

In this book a sincere efforts has been made to include the various types of chromatographic techniques. A complete insight into these techniques is possible only when the student understands the basic principles of analytical chemistry. The present book addresses itself to these twin objects. Every technique included in this book is self-sufficient i.e.it starts with the theory followed by instrumentation and gets ended with the practical application. Every concept has been demonstrated by simple diagrams using simple mathematics and elegant style. The order of the techniques included in this