

Book Review

Encyclopedia of Chromatography

J. Cazes (Ed.); Marcel Dekker Inc., New York, 2001, xxx + 952 pages, ISBN 0-8247-0511-4, £250.00

The last decade has experienced major advances in the development of novel analytical techniques and methodologies. Various chromatographic techniques have been the preferred choice for solving analytical problems in many areas of application including biotechnology, polymers, food additives and nutrients, pathology, toxicology, fossil fuels and nuclear chemistry. The encyclopaedia of chromatography provides an up-to-date practical source of information on chromatographic techniques and methodologies in a single volume. It aims to serve as a basis on which a continual compendium of information is formed and in turn, direct the reader on to further specific topics.

The *Encyclopedia of Chromatography* has been compiled by over 180 esteemed international authorities. It highlights real-world applications of analytical and preparative techniques for a range of disciplines and has easy to read fundamentals of problem solving and material identification methods. The topics covered in this volume include: high-performance liquid chromatography, thin-layer chromatography, gas chromatography, capillary electrophoresis, affinity chromatography, field-flow frac-

tionation, counter-current chromatography, supercritical fluid chromatography, gel permeation chromatography, size exclusion chromatography, hyphenated techniques and much more. Altogether there are 833 well presented papers covering these topics which are arranged alphabetically. The individual papers each give an introduction followed by further information contained under subheadings. It ends with a concluding section on future developments along with relevant references relating to that topic.

The *Encyclopedia of Chromatography* is a clearly written and user friendly compendium containing over 300 chapters, 1000 drawings, equations, tables and photographs and 2600 detailed references. Both, author and subject index is included in this volume. It is an invaluable key reference book for analytical chemists; chromatographers and mass spectroscopists, laboratory technicians, environmental and biopharmaceutical chemists, biochemists and biotechnologists, and graduates of all levels.

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