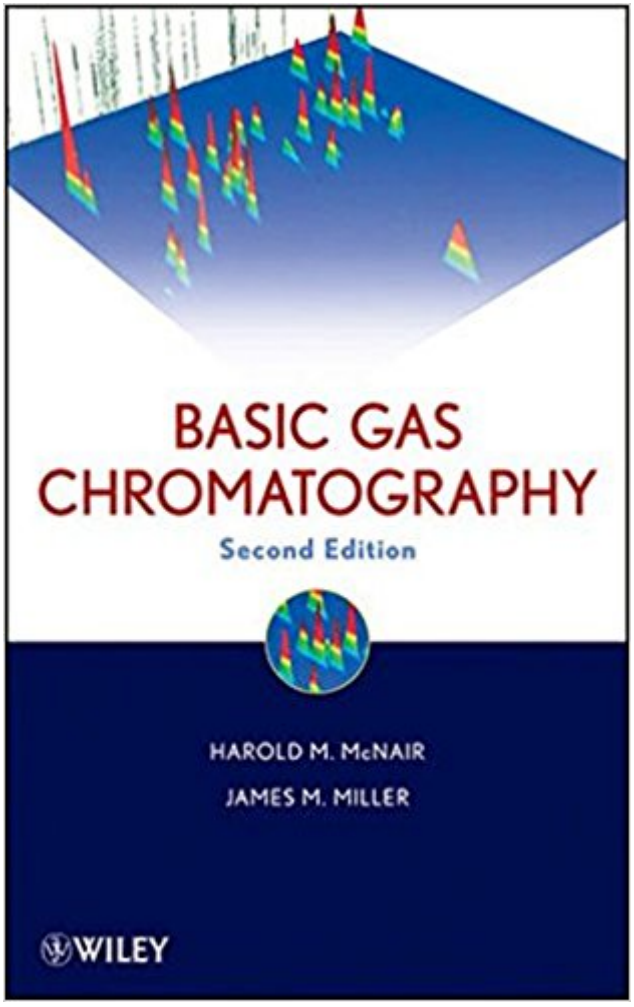
Basic Gas Chromatography



Synopsis

The New Edition of the Well-Regarded Handbook on Gas Chromatography Since the publication of the highly successful first edition of Basic Gas Chromatography, the practice of chromatography has undergone several notable developments. Basic Gas Chromatography, Second Edition covers the latest in the field, giving readers the most up-to-date guide available, while maintaining the first edition’s practical, applied approach to the subject and its accessibility to a wide range of readers. The text provides comprehensive coverage of basic topics in the field, such as stationary phases, packed columns and inlets, capillary columns and inlets, detectors, and qualitative and quantitative analysis. At the same time, the coverage also features key additions and updated topics including: Gas chromatography-mass spectrometry (GC-MS) Sampling methods Multidimensional gas chromatography Fast gas chromatography Gas chromatography analysis of nonvolatile compounds Inverse gas chromatography and pyrolysis gas chromatography Along with these new and updated topics, the references, resources, and Web sites in Basic Gas Chromatography have been revised to reflect the state of the field. Concise and fundamental in its coverage, Basic Gas Chromatography, Second Edition remains the standard handbook for everyone from undergraduates studying analytical chemistry to working industrial chemists.

Book Information

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Customer Reviews

"The book should appeal to readers with varying levels of education and emphasises a practical, applied approach to the subject. Basic Gas Chromatography, 2nd Edition remains the standard handbook for everyone from undergraduates studying analytical chemistry to working industrial

chemists. It is particularly suited for intensive short courses." (Chemistry Journals, 11 April 2011)
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Basic Gas Chromatography Second Edition Harold m. McNair James M. Miller

This is a great book for an analytical chemist wanting to learn about G.C. The first edition form McNair was easy to read and understand and this second edition follows in the same foot steps. McNair makes the basic concepts easy to understand and apply. The trouble shooting is also great for beginners.

A nicely written, easy to read, primer. It includes many tips and insights not covered in other textbooks. As in other books on the subject, there is a heavy bias towards the analysis of hidrocarbons, although reference is made to other materials such as essential oils. What I miss is an appendix with a couple of examples of analyses fully worked out, discussing the pros and cons of the decisions taken by the analyst regarding sample extraction and chromatographic analysis.

Awesome book.

An excellent primer on the subject. If you’re thinking of bringing GC into your lab, or are just brushing up on the subject, this is the book for you. Some of the derivations focused on quantitative analysis are a bit pedantic and might not be applicable to the average user, but overall the book is a good balance between practice and theory.

A very good reference for those who just start to learn gas chromatography. The book was written in a format that make it easy to understand with more emphasis on the practical side rather than theoretical/mathematical treatment. After 40 years of intensive development, gas chromatography is still a very formidable technique.

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This is a terrific overview of basic gas chomatography. For decades, Harold McNair was the BEST person teaching gas chromatography.Applied GC (gas chromatography) is as much an art as it is a science and has grown to be an invaluable tool for analytical work. Why not start with the best foundation of basics that one can get?