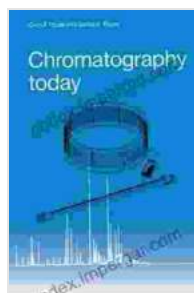


Chromatography Today: The Ultimate Guide to Analytical Separations

Chromatography is a powerful analytical technique that is used to separate and analyze complex mixtures of compounds. It is widely used in a variety of fields, including chemistry, biology, environmental science, and food science.

Chromatography Today is the definitive guide to analytical separations. Written by world-renowned experts, this book provides a comprehensive overview of the principles and techniques of chromatography, as well as their applications in a wide range of fields.



Chromatography Today by C. F. Poole

★★★★☆ 4.1 out of 5

Language : English

File size : 102057 KB

Screen Reader : Supported

Print length : 1026 pages

FREE

DOWNLOAD E-BOOK



The book is divided into three parts:

1. **Part I: Principles of Chromatography**
2. **Part II: Techniques of Chromatography**
3. **Part III: Applications of Chromatography**

Part I provides a detailed overview of the fundamental principles of chromatography. This section covers topics such as the theory of chromatography, mobile phases, stationary phases, and detectors.

Part II describes the different techniques of chromatography. This section covers a wide range of chromatographic techniques, including HPLC, GC, MS, and electrophoresis.

Part III discusses the applications of chromatography in a variety of fields. This section covers a wide range of applications, including the analysis of environmental pollutants, the identification of drugs, and the characterization of proteins.

Chromatography Today is an essential resource for anyone who works in the field of analytical separations. This book provides a comprehensive overview of the principles and techniques of chromatography, as well as their applications in a wide range of fields. It is a must-have for any analytical chemist or scientist.

Table of Contents

1. Part I: Principles of Chromatography

1. Chapter 1: to Chromatography
2. Chapter 2: The Theory of Chromatography
3. Chapter 3: Mobile Phases
4. Chapter 4: Stationary Phases
5. Chapter 5: Detectors

2. **Part II: Techniques of Chromatography**

1. Chapter 6: High-Performance Liquid Chromatography (HPLC)
2. Chapter 7: Gas Chromatography (GC)
3. Chapter 8: Mass Spectrometry (MS)
4. Chapter 9: Electrophoresis

3. **Part III: Applications of Chromatography**

1. Chapter 10: The Analysis of Environmental Pollutants
2. Chapter 11: The Identification of Drugs
3. Chapter 12: The Characterization of Proteins

Author Biographies

Colin Poole is a Professor of Chemistry at Wayne State University. He is the author of over 500 publications and 20 books in the field of chromatography. He is a Fellow of the Royal Society of Chemistry and the American Chemical Society.

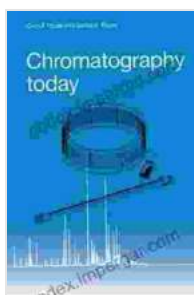
Stephen Schuette is a Professor of Chemistry at the University of Michigan. He is the author of over 200 publications and 10 books in the field of chromatography. He is a Fellow of the Royal Society of Chemistry and the American Chemical Society.

Reviews

"Chromatography Today is the definitive guide to analytical separations. This book provides a comprehensive overview of the principles and techniques of chromatography, as well as their applications in a wide range

of fields. It is a must-have for any analytical chemist or scientist." - **Journal of the American Chemical Society**

"Chromatography Today is a valuable resource for anyone who works in the field of analytical separations. This book provides a comprehensive overview of the principles and techniques of chromatography, as well as their applications in a wide range of fields. It is a must-have for any analytical chemist or scientist." - **Analytical Chemistry**



Chromatography Today by C. F. Poole

★ ★ ★ ★ ☆ 4.1 out of 5

Language : English

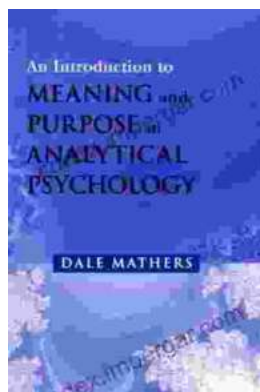
File size : 102057 KB

Screen Reader : Supported

Print length : 1026 pages

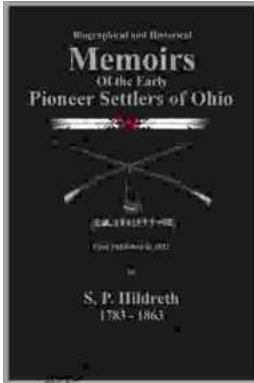
FREE

DOWNLOAD E-BOOK



Unlocking Meaning and Purpose in Life: An Exploration of Analytical Psychology

In an increasingly complex and fast-paced world, finding meaning and purpose in life can feel like an elusive quest. Analytical Psychology, a school of...



Memoirs of the Early Pioneer Settlers of Ohio Illustrated

A Window into the Lives of Courageous Settlers Step back in time and witness the extraordinary journey of Ohio's early pioneers through the lens of their own compelling...