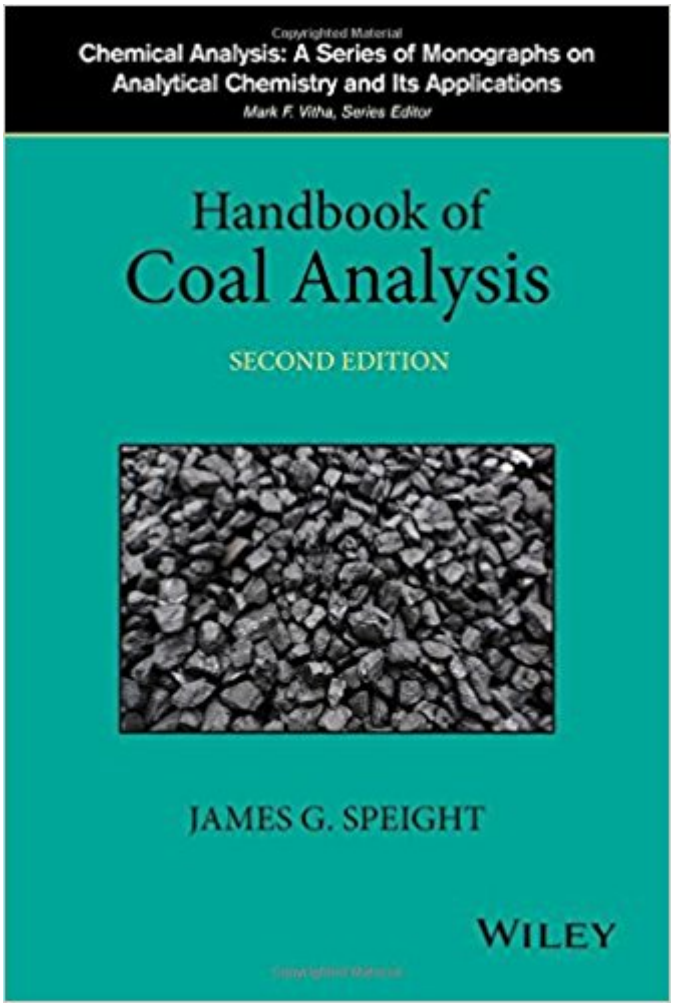
Handbook Of Coal Analysis (Chemical Analysis: A Series Of Monographs On Analytical Chemistry And Its Applications)



Synopsis

Provides users with everything they need to know about testing and analysis of coal Includes new coverage on environmental issues and regulations as related to coal Provides the reader with the necessary information about testing and analyzing coal and relays the advantages and limitations in understanding the quality and performance of coal Explains the meaning of test results and how these results can predict coal behavior and its corresponding environmental impact during use Includes a comprehensive Glossary which defines items in straightforward language that enable readers to better understand the terminology related to coal Treats issues related to sampling, and accuracy and precision of analysis

Book Information

Series: Chemical Analysis: A Series of Monographs on Analytical Chemistry and Its Applications
Hardcover: 368 pages
Publisher: Wiley; 2 edition (March 30, 2015)
Language: English
ISBN-10: 1118369246
ISBN-13: 978-1118369241
Product Dimensions: 6.3 x 1 x 9.6 inches
Shipping Weight: 1.3 pounds (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #1,062,115 in Books (See Top 100 in Books) #15 inÃ Â Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Fossil Fuels > Coal #381 inÃ Â Books > Science & Math > Chemistry > Industrial & Technical #669 inÃ Â Books > Textbooks > Engineering > Chemical Engineering

Customer Reviews

Provides users with everything they need to know about testing and analysis of coal Coal is abundant and inexpensive.Ã Â This is particularly important today as we seek ways to decrease our dependence on oil and devise more efficient, cleaner means of energy production.Ã Â The Handbook of Coal Analysis, Second EditionÃ Â provides users with everything they need to know about testing and analysis of coal. The new edition also covers the environmental issues related to coal use as well as the effects of combustion products on the atmosphere. This handbook deals with the various aspects of coal analysis and provides a detailed explanation of the necessary standard tests and procedures that are applicable to coal in order to help define usage and behavior

relative to environmental issues.Ã Â More importantly, it provides details of the meaning of various test results and how they might be applied to predict coal behavior during use.Ã Â Chapters include: Proximate Analysis Ultimate Analysis Mineral Matter Sampling Physical Properties Thermal Properties Mechanical Properties Electrical Properties Spectroscopic Properties Environmental Issues Now in its Second edition, the Handbook has been rewritten to include new coverage on environmental issues and regulations as related to coal. A glossary at the end of the book provides terms that are useful to the reader. The book provides the advantages and limitations in understanding the quality and performance of coal. Chemists and engineers in the refining industry, as well as students, will find Dr. Speight's Handbook to be an accessible, invaluable guide to understanding the methods for analyzing petroleum products. James G. Speight has doctorate degrees in Chemistry, Geological Sciences, and Petroleum Engineering and is the author of more than 60 books in petroleum science, petroleum engineering, fossil fuel science and technology, and environmental sciences. He has more than 45 years of experience in the process industries, is the author of numerous invited book chapters and papers, is the senior editor of three journals, and has won numerous international awards and distinctions.Ã Â

James G. Speight has doctorate degrees in Chemistry, Geological Sciences, and Petroleum Engineering and is the author of more than 60 books in petroleum science, petroleum engineering, fossil fuel science and technology, and environmental sciences. He has more than 45 years of experience in the process industries, is the author of numerous invited book chapters and papers, is the senior editor of three journals, and has won numerous international awards and distinctions.Ã Â

Loose-leaf Version for Quantitative Chemical Analysis 9e & Sapling Advanced Single Course for Analytical Chemistry (Access Card) Coal, Third Edition: Typology - Physics - Chemistry - Constitution (Coal Science & Technology) The Coal Handbook: Towards Cleaner Production: Volume 2: Coal Utilisation (Woodhead Publishing Series in Energy) The Coal Handbook: Towards Cleaner Production: Volume 1: Coal Production (Woodhead Publishing Series in Energy) Spectroscopic Analysis of Coal Liquids (Coal Science and Technology Vol 12) Introduction to magnetic resonance with applications to chemistry and chemical physics (Harper's chemistry series) Clean Coal/Dirty Air: or How the Clean Air Act Became a Multibillion-Dollar Bail-Out for High-Sulfur Coal Producers (Yale Fastback Series) The Chemistry and Technology of Coal, Second Edition, (Chemical Industries) The Buffalo Creek Disaster: How the Survivors of One of the Worst Disasters in Coal-Mining History Brought Suit Against the Coal Company- And Won Trace Elements in Coal and Coal Combustion Residues (Advances in Trace Substances Research) Coal and Peat Fires: A Global Perspective: Volume 3: Case Studies Ã¢â ¬â œ Coal Fires Industrial Coal Gasification Technologies Covering Baseline and High-Ash Coal Applied Coal Petrology: The Role of Petrology in Coal Utilization