

## CONTENTS

<b>List of Contributors</b>	<b>xi</b>
<b>Preface</b>	<b>xv</b>
Contents of Volume II	xvii
Chapter 1 Petrographic, Techniques in Coal Analysis	3-25
Chapter 2. The Reflectance of Coal	27-78
Chapter 3. Physical Property Measurements on Coals, Especially Brown Coals	84-121
Chapter 4. Porosity of Coals and Coal Products	125-160
Chapter 5 Methane Diffusion in Coals and Chars	163-188
Chapter 6 Standard Laboratory Test Methods for Coal and Coke	192-246
Chapter 7 Moisture in Coal	247-262
Chapter 8 The Oxygen-Flask Method of Determining Total Sulfur in Coal	263-278
Chapter 9 Analytical Procedures for Sulfur in Coal Desulfurization Products	280-321
Chapter 10 Methods of Determining Chlorine in Different States of Combination in Coal	323-345
Chapter 11 X-Ray Photoelectron Spectroscopy of Coal and Coal Related Problems	349-375
Chapter 12 Neutron Activation Analysis of Trace Elements in Coal, Fly Ash, and fuel Oils	377-401
Chapter 13 Trace Impurities in Coal and Fly Ash by Isotope Dilution Mass Spectrometry	403-419
Chapter 14 Spark Source Mass Spectrometry and Atomic Absorption Spectrophotometry And Atomic Absorption Spectrophotometry for the Determination of Trace Elements in Coal	421-434
Chapter 15 A Washability and Analytical Evaluation of Potential pollution from Trace Elements in Coal	435-463
Chapter 16 Characterizing Syncrudes from Coal	467-497
Chapter 17 Chemical Characterization of Synthoil Feeds and Products	499-539
Chapter 18 The Distribution of Some Trace Elements in the One-Half Ton Per Day Synthoil Process Development Unit	541-556
Chapter 19 Method for the Determination of Benzene Insolubles, Asphaltenes, and Oils in Coal-Derived Liquids	557-568
<b>Index</b>	<b>569</b>