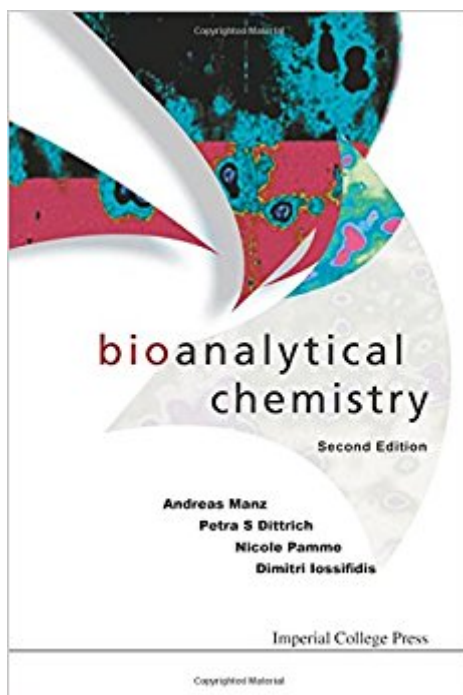


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Bioanalytical Chemistry: 2nd Edition



Synopsis

Interdisciplinary knowledge is becoming increasingly important to the modern scientist. This invaluable textbook covers bioanalytical chemistry (mainly the analysis of proteins and DNA) and explains everything for the non-biologist. Electrophoresis, mass spectrometry, biosensors, bioassays, DNA and protein sequencing are not necessarily all included in conventional analytical chemistry textbooks. The book describes the basic principles and the applications of instrumental and molecular methods. It is particularly useful to chemistry and engineering students who already have some basic knowledge about analytical chemistry. This revised second edition contains a new chapter on optical spectroscopy, and updated methods and new references throughout.

Readership: Undergraduate students in chemistry and engineering.

Book Information

Paperback: 256 pages

Publisher: Imperial College Press; 2 edition (July 24, 2015)

Language: English

ISBN-10: 1783266724

ISBN-13: 978-1783266722

Product Dimensions: 6 x 0.6 x 9 inches

Shipping Weight: 12.6 ounces (View shipping rates and policies)

Average Customer Review: 3.1 out of 5 stars 2 customer reviews

Best Sellers Rank: #359,789 in Books (See Top 100 in Books) #106 in [Books > Science & Math > Chemistry > Analytic](#) #241 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology](#) #445 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry](#)

Customer Reviews

Reviews of the First Edition: "The book is well written and easy to read. It will complement any lecture courses on modern analytical chemistry as it focuses on one of the most topical areas in the field of analysis - that of bioanalysis. This first edition is an excellent foundation from which to build as the new techniques become accepted. I would highly recommend it to any student (or indeed other scientists) with interest in bioanalysis." -- Chemistry World "It will be useful to chemists interested in bioanalysis who have little experience with biochemistry, and to biologists interested in the range of analytical techniques for studying protein and nucleic acid samples." -- Choice

Interdisciplinary knowledge is becoming increasingly important to the modern scientist. This invaluable textbook covers bioanalytical chemistry (mainly the analysis of proteins and DNA) and explains everything for the non-biologist. Electrophoresis, mass spectrometry, biosensors, bioassays, DNA and protein sequencing are not necessarily all included in conventional analytical chemistry textbooks. The book describes the basic principles and the applications of instrumental and molecular methods. It is particularly useful to chemistry and engineering students who already have some basic knowledge about analytical chemistry. This revised second edition contains a new chapter on optical spectroscopy, and updated methods and new references throughout.

This book is well written and great to use as a refresher to analytical methods for biological analysis - it has a concise overview of several analytical methods but doesn't get as in depth at points as I would like. I would recommend this text if you're looking for an overview of techniques!

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