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# Penetapan Kadar Kompleksometri

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Atomic Absorption Spectrometry  
Modern Analytical Chemistry  
Hybrid Cultivar Development  
Pharmaceutical Analysis  
Hazardous Metals in the Environment  
Kamus istilah kimia analitik, Indonesia-asing  
Analisis Kuantitatif Obat  
Live Feeds in Marine Aquaculture  
The Leopard Boy  
HPLC for Pharmaceutical Scientists  
The Book of Tofu  
Concepts in Analytical Chemistry  
Pengawasan Mutu Makanan  
Indeks laporan penelitian dan survai  
A Textbook of Quantitative Inorganic Analysis  
British Pharmacopoeia 2007  
Modern Methods of Chemical Analysis  
Instrumental Methods of Chemical Analysis. 4.ed  
Intisari Kimia Farmasi  
Nutrition at a Glance  
Materi KSNK Kimia  
20 tahun dharma bhakti Universitas Katolik Widya Mandala  
The Black Tulip  
Pharmaceutical Compounding and Dispensing  
Pharmaceutical Analysis E-Book  
Handbook of Pulping and Papermaking  
Vogel's Qualitative Inorganic Analysis, 7/e  
Kimia Dasar  
The Perricone Prescription  
Analisis Obat Secara Volumetri  
Pharmaceutical Drug Analysis  
Standard Methods for the Examination of Water and Wastewater  
Indeks Majalah Ilmiah Indonesia  
Konsep Dasar Kimia Analitik  
ANALISIS TITRIMETRI DAN GRAVIMETRI  
Kimia Analisis Kuantitatif Dasar  
The Solvent Extraction of Metal Chelates  
Exposure and Risk Assessment of Chemical Pollution - Contemporary Methodology  
Analytical Method Validation and Instrument Performance Verification  
Enzyme Studies

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**VALERIE HANEY**


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**Atomic Absorption Spectrometry**

Springer Science &amp; Business Media

H.M. Kalisz, Freiburg, FRG: Microbial

Proteinases. Proteinases play an important role as reagents in laboratory and clinical analyses and in industrial processes. The discovery of new, highly specific proteinases and improved enzyme technology, such as immobilisation and novel purification methods, should make the microbial enzymes even more attractive in biotechnology. M. Maestracci, K. Bui, A. Thiery, A. Arnaud, P. Galzy, Montpellier, France: The Amidase from a *Brevibacterium* Strain: Study and Applications. In the first part of this paper different microbial enzyme systems able to hydrolyze the true amide function are reviewed. Following consideration of analytical techniques (NMR, GLC, TLC, colorimetric assay of the ammonium ion) useful in the study of amidases, the second part of the paper deals with the amidases of *Brevibacterium* sp. R312 and their applications.

**Modern Analytical Chemistry**

McGraw-Hill Science, Engineering &amp; Mathematics

In its Second Edition, *Handbook of Pulping and Papermaking* is a comprehensive reference for industry and academia. The book offers a concise yet thorough introduction to the process of papermaking from the production of wood chips to the final testing and use of the paper product. The author has updated the extensive bibliography, providing the reader with easy access to the pulp and paper literature. The book emphasizes principles and concepts behind papermaking, detailing both the physical and chemical processes. A

comprehensive introduction to the physical and chemical processes in pulping and papermaking Contains an extensive annotated bibliography Includes 12 pages of color plates

**Hybrid Cultivar Development** John Wiley & Sons

In this title, Nicholas Perricone shares his formula for reversing skin damage and remaining wrinkle-free for life.

*Pharmaceutical Analysis* John Wiley & Sons

About the Book: During the past two decades, there have been magnificent and significant advances in both analytical instrumentation and computerized data handling devices across the globe. In this specific context the remarkable proliferation of windows

**Hazardous Metals in the**

**Environment** New Age International  
 Pharmaceutical analysis determines the purity, concentration, active compounds, shelf life, rate of absorption in the body, identity, stability, rate of release etc. of a drug. Testing a pharmaceutical product involves a variety of chemical, physical and microbiological analyses. It is reckoned that over £10 billion is spent annually in the UK alone on pharmaceutical analysis, and the analytical processes described in this book are used in industries as diverse as food, beverages, cosmetics, detergents, metals, paints, water, agrochemicals, biotechnological products and pharmaceuticals. This is the key textbook in pharmaceutical analysis, now revised and updated for its fourth edition. Worked calculation examples Self-assessment Additional problems (self tests) Practical boxes Key points boxes New chapter on Biotech products. New chapter on electrochemical methods in diagnostics. Greatly extended chapter on molecular emission

spectroscopy to accommodate developments and innovations in the area. Now on StudentConsult [Kamus istilah kimia analitik, Indonesia-asing Elsevier](#)

The execution of detailed studies on the fate and levels of hazardous elements in the environment, foodstuffs and in human beings has become a major task in environmental research and especially in analytical chemistry. This has led to a demand to develop new methodology and optimize that already in use. The book offers the reader a general introduction to the problem areas that are currently being tackled, followed by chapters on sampling and sample preservation, strategies and applications of the archiving of selected representative specimens for long-term storage in environmental specimen banks. This is supplemented by the example of wine as a preserved - frequently, already historical - specimen which clearly reflects technological changes over time. The following chapters review sample treatment, present an overview on the most frequently and successfully applied trace analytical methods for metals and metal compounds, and introduce the increasingly important methods for identifying and quantifying metal species in sediments and soils (speciation). The chapters in the second part of the book provide data on analytical methods for determining the levels of toxicologically, ecotoxicologically and ecologically important elements in environmental and biological materials, including information on the separation and quantification of chemical and organometallic species. The elements treated are aluminium, arsenic, cadmium, chromium, cobalt, lead, mercury, nickel, selenium and thallium.

The final chapter treats quality assurance and the importance of the continuous use of appropriate reference materials to avoid erroneous results.

**Analisis Kuantitatif Obat** Springer

As the expansion in world aquaculture continues at a very high rate, so does the need for information on feeding of cultivated fish and shellfish. In the larval and juvenile phases of many species, the use of manufactured feed is not possible. This important book covers in detail the biology and culture of the main live prey and microalgae used as feeds in the aquaculture of major commercial species including shrimps, sea bass, halibut, cod and bivalves. Contents include comprehensive details of the status of marine aquaculture in relation to live prey, and chapters covering the biology, production, harvesting, processing and nutritional value of microalgae and the main prey species: rotifers, *Artemia* and copepods. The editors have drawn together an impressive international team of contributors, providing a work that is set to become the standard reference and practical guide on the subject for many years to come. *Live Feeds in Marine Aquaculture* is an essential purchase for anyone involved in marine aquaculture, including fish farmers, researchers, and personnel in feed and equipment companies supplying the aquaculture trade. An extremely valuable tool as a reference and practical manual for students and professionals alike; libraries in all universities and research establishments where biological and aquatic sciences and aquaculture are studied and taught, should have copies available on their shelves.

[Live Feeds in Marine Aquaculture Elsevier](#)

Kemampuan melakukan analisis

senyawa obat mutlak diperlukan bagi mahasiswa farmasi dan mahasiswa lain yang tertarik dengan analisis obat. Buku Analisis Kuantitatif Obat ini berisi tentang prosedur analisis senyawa-senyawa obat-obat golongan asam hidrok. [UGM Press, UGM, Gadjah Mada University Press]

*The Leopard Boy* John Wiley & Sons  
Balances old and new methods of chemical analysis by treating classic topics such as volumetric and gravimetric methods as well as newer areas including solvent extraction and chromatographic methods of separation. Emphasizes fundamental principles of each method and indicates possible applications to other areas of chemistry. It can be used as both a textbook for postgraduate students majoring in analytical chemistry and a reference for practicing analytical chemists and researchers.

HPLC for Pharmaceutical Scientists John Wiley & Sons

Pharmacists have been responsible for compounding medicines for centuries. Although most modern medicines are not compounded in a local pharmacy environment, there are still occasions when it is imperative that pharmacists have this knowledge. *Pharmaceutical Compounding and Dispensing* provides a comprehensive guide to producing extemporaneous formulations safely and effectively. This is a modern, detailed and practical guide to the theory and practice of extemporaneous compounding and dispensing. Fully revised and updated, this new edition will be an indispensable reference for pharmacy students and practicing pharmacists. Supplementary videos demonstrating various dispensing procedures can be viewed online at [www.pharmpress.com/PCDvideos](http://www.pharmpress.com/PCDvideos).

*The Book of Tofu* EGC

Validation describes the procedures used to analyze pharmaceutical products so that the data generated will comply with the requirements of regulatory bodies of the US, Canada, Europe and Japan.

*Calibration of Instruments* describes the process of fixing, checking or correcting the graduations of instruments so that they comply with those regulatory bodies. This book provides a thorough explanation of both the fundamental and practical aspects of biopharmaceutical and bioanalytical methods validation. It teaches the proper procedures for using the tools and analysis methods in a regulated lab setting. Readers will learn the appropriate procedures for calibration of laboratory instrumentation and validation of analytical methods of analysis. These procedures must be executed properly in all regulated laboratories, including pharmaceutical and biopharmaceutical laboratories, clinical testing laboratories (hospitals, medical offices) and in food and cosmetic testing laboratories.

*Concepts in Analytical Chemistry*

Universitas Brawijaya Press

Buku ini berisi modul dan soal latihan untuk mempersiapkan KSN Kimia Tingkat Kota

Pengawasan Mutu Makanan Springer Science & Business Media

Perkembangan Teori Atom, Teori Orbital, Molekul, Stoikiometri, Gas, Kinetika

Kimia, Kestimbangan Kimia, Termodinamika, Reaksi-Reaksi Larutan, Titrasi Dan Kurva Ph serta Elektrokimia

*Indeks laporan penelitian dan survai*

Pharmaceutical Press

The topic is treated here in a very practical manner. The bulk of the book is concerned with real-life analyses for practising instrumentalists and differs from the literature supplied by

manufacturers of atomic absorption instruments in that the methods described can be interpreted using all sorts of hardware, and in that far more chemistry and sample preparation are included.

**A Textbook of Quantitative Inorganic Analysis** UGM PRESS

Buku "Kimia Analisis Kuantitatif Dasar" memuat secara lengkap tentang konsep dasar analisis kuantitatif noninstrumen, berbasis volumetri/titrasi dan gravimetri, teknik pelaksanaan, dan cara perhitungannya. Semua pokok bahasan dipresentasikan secara jelas, sistematis, sederhana, disajikan secara kontekstual, menarik, serta dilengkapi dengan penerapannya pada kehidupan nyata sehingga mempermudah pemahaman pembaca. Metode volumetri yang disajikan meliputi titrasi berbasis 4 macam reaksi, yaitu titrasi asam basa, pengendapan, kompleksometri, dan redoks. Metode titrasi asam basa mengupas konsep dasar dan aplikasi titrasi asam basa kuat dan lemah monoprotik dan poliprotik. Metode titrasi pengendapan menjelaskan konsep dasar dan aplikasi titrasi argentometri (Mohr, Volhard, dan Fajans). Metode titrasi kompleksometri menguraikan konsep dasar dan penerapan titrasi kompleksometri dengan teknik titrasi langsung, tak langsung, dan penggantian. Metode titrasi redoks mendeskripsikan konsep dasar dan penerapan titrasi redoks yang meliputi permanganometri, iodimetri dan iodometri, serta potensiometri yang menghubungkan harga potensial standar,  $E'$ , dan potensial sell, reaksi selama titrasi. Semua jenis titrasi dilengkapi dengan bahasan prinsip reaksi, ekivalensi, penentuan titik ekuivalen dan titik akhir titrasi, cara pemilihan indikator, jenis analit yang

bisa ditentukan, faktor yang berpengaruh, persiapan larutan baku, pembakuan, lengkap dengan cara perhitungannya. Sedangkan metode gravimetri mengupas definisi, konsep dasar penerapan kesetimbangan pengendapan pada gravimetri, prinsip reaksi, mekanisme pengendapan, kesempumaan pengendapan, faktor yang berpengaruh terhadap kemurnian endapan, berat konstan, tahapan gravimetri, pemanasan dan pembakaran endapan, penentuan komposisi endapan, faktor gravimetri dan cara perhitungannya. Buku ini sangat ideal karena telah memuat informasi lengkap yang penting yang harus diketahui oleh mahasiswa untuk analisis kuantitatif noninstrumentasi dan bisa digunakan sebagai buku pegangan dosen/guru kimia. Ketersediaan buku ajar ini juga akan membantu tercapainya proses pembelajaran aktif berbasis mahasiswa, SCL (student centered learning). karena mahasiswa bisa paham dengan membaca sendiri. sehingga kelas bisa menjadi tempat diskusi aktif mahasiswa dengan dosen yang mengarah pada kebenaran ilmu kimia analisis kuantitatif.

**British Pharmacopoeia 2007** Global Eksekutif Teknologi

'To have discovered the black tulip, to have seen it for a moment...then to lose it, to lose it forever!' Cornelius von Baerle, a respectable tulip-grower, lives only to cultivate the elusive black tulip and win a magnificent prize for its creation. But after his powerful godfather is assassinated, the unwitting Cornelius becomes caught up in deadly political intrigue and is falsely accused of high treason by a bitter rival. Condemned to life imprisonment, his only comfort is Rosa, the jailer's beautiful daughter, and together they concoct a plan to grow the black tulip in

secret. Dumas' last major historical novel is a tale of romantic love, jealousy and obsession, interweaving historical events surrounding the brutal murders of two Dutch statesman in 1672 with the phenomenon of tulipomania that gripped seventeenth-century Holland.

*Modern Methods of Chemical Analysis*

Pearson Education India

Heterosis breeding based on male sterility has become established in many field crops and has been credited with high productivity. This book presents an update on the advent and promise of hybrids with comprehensive coverage of theoretical and applied aspects of heterosis breeding. Its principal elements are the hybrid advantage, pollination control mechanisms and finally the production of hybrid seeds. Individual crop specialists present in-depth analyses of intricacies involved in the development of hybrids of rice, wheat, maize, barley, pearl millet, sorghum, cotton, sunflower, rapeseed-mustard, castor, pigeonpea, tomato, onion, cole crops, peppers, and melon. The book will be used by researchers, teachers and students of botany, genetics, horticulture and plant breeding.

*Instrumental Methods of Chemical Analysis. 4.ed* Elsevier

Nutrition at a Glance introduces key nutrition facts, such as the role of key nutrients in maintaining health, and addresses the concepts of nutrient metabolism, nutritional intake and what makes an adequate diet. It covers food safety, allergy and intolerance, GM foods, diet-related diseases and nutrigenomics. Nutrition at a Glance: • Is superbly illustrated, with full colour illustrations throughout • Includes nutrition 'hot topics' such as gene-nutrient interactions and dietary

supplements • Has strong international appeal, with different dietary requirements provided for many countries • Is a reference text suitable for post-docs and junior scientists, including those working in public health and dietetics • Includes a companion website at

[www.ataglanceseries.com/nutrition](http://www.ataglanceseries.com/nutrition) featuring interactive multiple choice questions, abbreviations, a glossary, references and further reading, and Appendix B 1: Global dietary guidelines and Dietary Reference Intakes

**Intisari Kimia Farmasi** Elsevier Health Sciences

Analisis titrimetri dan gravimetri merupakan mata pelajaran kejuruan kelas 11 SMK Teknologi dan rekayasa, program keahlian kimia analisis. Analisis titrimetri adalah analisis kuantitatif dengan cara mengukur volume, sejumlah sampel yang akan dianalisis direaksikan dengan larutan standar yang konsentrasinya sudah diketahui dengan teliti. Analisis gravimetri merupakan salah satu metode analisis kuantitatif dengan penimbangan. Buku ini disusun berdasarkan kurikulum 2013 program keahlian kimia analisis. Secara keseluruhan buku ini membahas titrasi penetralan, titrasi pembentukan endapan, titrasi pembentukan senyawa kompleks, titrasi permanganometri, titrasi dikromato metri, analisis gravimetri metode penguapan, analisis gravimetri metode pengendapan. Buku ini berisi pendahuluan, teori, contoh soal dan pembahasan, soal latihan, dan lembar kerja praktik. Tujuan utama penyusunan buku yaitu sebagai sumber informasi bagi peserta didik terkait dengan pelajaran analisis titrimetri dan gravimetri kelas 11 SMK. Di dalam buku ini dilengkapi dengan gambar yang menarik, contoh soal dan pembahasan

yang rinci sehingga mempermudah peserta didik dalam belajar analisis titrimetri dan gravimetri.

*Nutrition at a Glance* Universitas Brawijaya Press

The hard copy edition package contains a boxed five volume set with a separate Veterinary volume, a CD-ROM and access to a comprehensible, regularly updated website. Both the CD-ROM and online formats have networkable capacity. In more detail this set comprises: i) four volumes detailing all current UK pharmacopoeial standards for medicines for human use; ii) a companion volume providing standards for substances, preparations and immunological products used in veterinary medicine; and iii) a fully searchable CD-ROM which contains the contents of these volumes in electronic form together with a user manual, as well as the British Approved Names 2002 and supplements; iv) British pharmacopoeia chemical reference substances catalogue 2006-2007. The Pharmacopoeia is published on the recommendation of the Medicines Commission in accordance with the Medicines Act 1968. This edition is effective from 1 January 2007 and it incorporates the requirements of the 5th edition of the European Pharmacopoeia

2004 and its supplements. The British Pharmacopoeia (BP) 2007 is the authoritative, current collection of standards for UK medicinal substances and the official source of all UK quality standards. It is an essential reference for anyone involved in pharmaceutical Research & Development, manufacturing and testing, and plays a vital role in ensuring that all medicinal substances on the UK market meet standards of safety, quality and efficacy. The key features of this new edition are: extensive revisions including 30 new BP texts; new supplementary chapters containing general guidance on unlicensed medicines and method validation; the first BP monograph for traditional Chinese medicines; all European Pharmacopoeia 5th edition material up to and including Supplement 5.5 integrated into the text of BP 2007; value-for-money networking with full technical support from the publishers; CD-ROM and website deliver the complete text of the British Pharmacopoeia, British Approved Names and European Pharmacopoeia standards directly to your PC: [www.pharmacopoeia.co.uk](http://www.pharmacopoeia.co.uk) is regularly updated and includes information on monograph development and contact points.