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Handbook of Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Pharmaceutical Excipients Excipient Toxicity and Safety Plant Polysaccharides as Pharmaceutical Excipients Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems Excipient Applications in Formulation Design and Drug Delivery Excipient Toxicity and Safety Pharmaceutical Excipients Excipient Applications in Formulation Design and Drug Delivery Pharmaceutical Excipients Handbook of Pharmaceutical Additives The Ipec Good Manufacturing Practices Guide Pharmaceutical Excipients Japanese Pharmaceutical Excipients 2004 Supplement to Japanese Pharmaceutical Excipients, 1998 Development of Indigenous Pharmaceutical Excipients JPE 1993 Japanese Pharmaceutical Excipients Directory (JPED) 1996 GMP Guide for Bulk Pharmaceutical Excipients 2001 Pocket Size Version Certificate of Analysis Guide for Bulk Pharmaceutical Excipients 2000 Significant Change Guide for Bulk Pharmaceutical Excipients 2000 Supplement to Japanese Pharmaceutical Excipients, 1994 Joint Ipec / Pqc Good Manufacturing Practices Guide for Pharmaceutical Excipients 2006 Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Handbook of Pharmaceutical Excipients Formulation and Analytical Development for Low-Dose Oral Drug Products Dosage Forms, Formulation Developments and Regulations Drug Safety Evaluation Chemical and Mechanical Engineering, Information Technologies American Journal of Hospital Pharmacy Journal of the Association of Official Analytical Chemists Yearbook of International Organizations 2013-2014 (Volumes 1A-1B) Synthesis and characterization of drug carrier based on polysaccharides Engineering Tribology and Biomedical Materials

Handbook of Pharmaceutical Excipients

2006

the handbook of pharmaceutical excipients is a comprehensive uniform guide to the uses properties and safety of pharmaceutical excipients it collects in a systematic and unified manner essential data on the physical and chemical properties of excipients information has been assembled from a variety of sources including the primary literature and excipients manufacturers personal observations and comments from contributors are also included

Handbook of Pharmaceutical Excipients

1994

this is the second edition of a work on pharmaceutical excipients it has been expanded and revised to include 203 monographs for pharmacopoeital and non pharmacopoeital excipients the appendices include a substantial suppliers directory all the physical properties of excipients are included

Pharmaceutical Excipients

2016-10-31

this book provides an overview of excipients their functionalities in pharmaceutical dosage forms regulation and selection for pharmaceutical products formulation it includes development characterization methodology applications and up to date advances through the perspectives of excipients developers users and regulatory experts covers the sources characterization and harmonization of excipients essential information for optimal excipients selection in pharmaceutical development describes the physico chemical properties and biological effects of excipients discusses chemical classes safety and toxicity and formulation addresses recent efforts in the standardization and harmonization of excipients

Handbook of Pharmaceutical Excipients

2009-01-01

an internationally acclaimed reference work recognized as one of the most authoritative and comprehensive sources of information on excipients used in pharmaceutical formulation with this new edition providing 340 excipient monographs incorporates information on the uses and chemical and physical properties of excipients systematically collated from a variety of international sources including pharmacopeias patents primary and secondary literature websites and manufacturers data extensive data provided on the applications licensing and safety of excipients comprehensively cross referenced and indexed with many additional excipients described as related substances and an international supplier s directory and detailed information on trade names and specific grades or types of excipients commercially available

Handbook of Pharmaceutical Excipients

2009-07-01

meeting the need for a hands on guide elucidating the role of molecular spectroscopy in the physical characterization of pharmaceutical solids two experts from the industry gather theoretical discussions of infrared raman and nuclear magnetic resonance spectroscopy they provide recommendations on spectral data acquisition techniques and include 600 spectra for 300 of the most commonly used excipients complete with references equations tables and a cas registry number index the book covers the drug development process including chemical identification of substances investigative studies competitor analysis problem solving activities reproduction of spectral data and more

Pharmaceutical Excipients

1999-02-23

this book reviews the history regulatory status pharmacopeial specifications and harmonization of pharmaceutical excipients in the united states and europe and provides a comprehensive understanding of the current scientific basis for safety evaluation and risk assessment examines excipients as a unique class of products and explores new procedures for determining toxicity a timely and unique addition to the pharmaceutical literature containing over 570 citations that support and enhance the text excipient toxicity and safety identifies the differences between excipients inactive ingredients food ingredients and drug products evaluates issues of dose administration species selection and study design for various routes of exposure provides detailed information on the historical uses of excipients in drug formulations clarifies the safety committee of the international pharmaceutical excipients council s ipec guidelines and technical specifications for conducting tests for each route of exposure explains how data generated in toxicity models are applied to identify hazards in drug formulations details exposure assessment to link hazard identification with risk considers the requirements and importance of purity specifications and much more excipient toxicity and safety is a blue ribbon reference ideal for pharmacists toxicologists pharmacologists analytical chemists quality control quality assurance and regulatory compliance managers and upper level undergraduate and graduate students in these disciplines

Excipient Toxicity and Safety

2019-08-30

plant polysaccharides as pharmaceutical excipients explores innovative techniques and applications of plant derived polysaccharides as pharmaceutical excipients plant polysaccharides are sustainable renewable and abundantly available offering attractive properties in terms of water solubility swelling ability non toxicity and biodegradability these qualities have resulted in extensive exploration into their applications as excipients in a variety of pharmaceutical dosage forms this book takes a comprehensive application oriented approach drawing on the very latest research that includes sources classification and extraction methods of plant polysaccharides subsequent chapters focus on plant polysaccharides for individual pharmaceutical applications enabling the reader to understand their preparation for specific targeted uses throughout the book information is supported by illustrations chemical structures flow charts and data tables providing a clear understanding finally future perspectives and challenges are reviewed and discussed explains sources classifications extraction methods and biocompatibility of plant polysaccharides guides the reader through properties and preparation methods of plant polysaccharides as pharmaceutical excipients covers a broad range of cutting edge applications with each chapter targeting a specific use

Plant Polysaccharides as Pharmaceutical Excipients

2022-11-20

to facilitate the development of novel drug delivery systems and biotechnology oriented drugs the need for new excipients to be developed and approved continues to increase excipient development for pharmaceutical biotechnology and drug delivery systems serves as a comprehensive source to improve understanding of excipients and forge new avenue

Excipient Development for Pharmaceutical, Biotechnology, and Drug Delivery Systems

2006-07-28

in recent years emerging trends in the design and development of drug products have indicated ever greater need for integrated characterization of excipients and in depth understanding of their roles in drug delivery applications this book presents a concise summary of relevant scientific and mechanistic information that can aid the use of excipients in formulation design and drug delivery applications each chapter is contributed by chosen experts in their respective fields which affords truly in depth perspective into a spectrum of excipient focused topics this book captures current subjects of interest with the most up to date research updates in the field of pharmaceutical excipients this includes areas of interest to the biopharmaceutical industry users students educators excipient manufacturers and regulatory bodies alike

Excipient Applications in Formulation Design and Drug Delivery

2015-10-07

this book reviews the history regulatory status pharmacopeial specifications and harmonization of pharmaceutical excipients in the united states and europe and provides a comprehensive understanding of the current scientific basis for safety evaluation and risk assessment examines excipients as a unique class of products and explores new procedures for determining toxicity a timely and unique addition to the pharmaceutical literature containing over 570 citations that support and enhance the text excipient toxicity and safety identifies the differences between excipients inactive ingredients food ingredients and drug products evaluates issues of dose administration species selection and study design for various routes of exposure provides detailed information on the historical uses of excipients in drug formulations clarifies the safety committee of the international pharmaceutical excipients council s ipec guidelines and technical specifications for conducting tests for each route of exposure explains how data generated in toxicity models are applied to identify hazards in drug formulations details exposure assessment to link hazard identification with risk considers the requirements and importance of purity specifications and much more excipient toxicity and safety is a blue ribbon reference ideal for pharmacists toxicologists pharmacologists analytical chemists quality control quality assurance and regulatory compliance managers and upper level undergraduate and graduate students in these disciplines

Excipient Toxicity and Safety

1999-11-10

in recent years emerging trends in the design and development of drug products have indicated ever greater need for integrated characterization of excipients and in depth understanding of their roles in drug delivery applications this book presents a concise summary of relevant scientific and mechanistic information that can aid the use of excipients in formulation design and drug delivery applications each chapter is contributed by chosen experts in their respective fields which affords truly in depth perspective into a spectrum of excipient focused topics this book captures current subjects of interest with the most up to date research updates in the field of pharmaceutical excipients this includes areas of interest to the biopharmaceutical industry users students educators excipient manufacturers and regulatory bodies alike

Pharmaceutical Excipients

1994*

the handbook of pharmaceutical excipients is a comprehensive guide to the uses properties and safety of pharmaceutical excipients and is an essential reference for those involved in the development

production control or regulation of pharmaceutical preparations the handbook collects together essential data on the physical properties of excipients as well as providing information on their safe use and potential toxicity all monographs are also thoroughly cross referenced and indexed to allow their identification by chemical non proprietary or trade names

Excipient Applications in Formulation Design and Drug Delivery

2015

this publication sets out the standards which have been established for the determination of the essence preparation method description quality and storage of drug substances and products as specified in general notices general tests processes and apparatus and monographs detailing a total of 479 articles including 44 newly listed 31 articles partly revised and one article deleted also known as jpe 2004 this publication is a companion publication to the japanese pharmacopoeia 2001 main ed isbn 4840806721 and to japanese pharmaceutical codex

Pharmaceutical Excipients

2005

this book provides an overview of excipients their functionalities in pharmaceutical dosage forms regulation and selection for pharmaceutical products formulation it includes development characterization methodology applications and up to date advances through the perspectives of excipients developers users and regulatory experts covers the sources characterization and harmonization of excipients essential information for optimal excipients selection in pharmaceutical development describes the physico chemical properties and biological effects of excipients discusses chemical classes safety and toxicity and formulation addresses recent efforts in the standardization and harmonization of excipients

Handbook of Pharmaceutical Additives

2007

describes the chemical and physical properties of pharmaceutical excipients each monograph contains nonproprietary names synonyms chemical name and cas registry number empirical formula and molecular weight structural formula functional category applications in pharmaceutical formulation or technology description pharmacopeial specifications typical propertics stability and storage conditions incompatibilities method of manufacture safety handling precautions regulatory status pharmacopeias related substances comments specific references general references and authors

The Ipec Good Manufacturing Practices Guide

2001

describes the chemical and physical properties of pharmaceutical excipients each monograph contains nonproprietary names synonyms chemical name and cas registry number empirical formula and molecular weight structural formula functional category applications in pharmaceutical formulation or technology description pharmacopeial specifications typical propertics stability and storage conditions incompatibilities method of manufacture safety handling precautions regulatory status pharmacopeias related substances comments specific references general references and authors

Pharmaceutical Excipients

1990

there are unique challenges in the formulation manufacture analytical chemistry and regulatory requirements of low dose drugs this book provides an overview of this specialized field and combines formulation analytical and regulatory aspects of low dose development into a single reference book it describes analytical methodologies like dissolution testing solid state nmr raman microscopy and lc ms and presents manufacturing techniques such as granulation compaction and compression complete with case studies and a discussion of regulatory requirements this is a core reference for pharmaceutical scientists regulators and graduate students

Japanese Pharmaceutical Excipients 2004

2004-01-01

dosage forms formulation developments and regulations volume one in the recent and future trends in pharmaceutics series explores aspects of pharmaceutics with an original approach focused on technology novelties and future trends in the field the book discusses the most recent developments in pharmaceutical preformulation and formulation studies biopharmaceutics and novel pharmaceutical formulations regulatory affairs and good manufacturing practices exciting areas such as formulation strategies optimization techniques the biopharmaceutical classification system and pharmaceutical aerosols are included the field of pharmaceutics is highly dynamic and rapidly expanding day by day so it demands a variety of amplified efforts for designing and developing pharmaceutical processes and formulation strategies this is an essential reference for researchers in academia and industry as well as advanced graduate students in pharmaceutics examines trends and recent technologies in dosage formulation and regulation contains contributions from leading experts in academia research industry and regulatory agencies includes high quality illustrations flow charts and tables for easy understanding of concepts discusses practical examples and research case studies

Supplement to Japanese Pharmaceutical Excipients, 1998

1998

this practical guide presents a road map for safety assessment as an integral part of the development of new drugs and therapeutics helps readers solve scientific technical and regulatory issues in preclinical safety assessment and early clinical drug development explains scientific and philosophical bases for evaluation of specific concerns including local tissue tolerance target organ toxicity and carcinogenicity developmental toxicity immunogenicity and immunotoxicity covers the development of new small and large molecules generics 505 b 2 route ndas and biosimilars revises material to reflect new drug products small synthetic large proteins and cells and tissues harmonized global and national regulations and new technologies for safety evaluation adds almost 20 new and thoroughly updates existing content from the last edition

Development of Indigenous Pharmaceutical Excipients

2014

collection of selected peer reviewed papers from the 2013 3rd international symposium on chemical engineering and material properties iscemp 2013 june 22 24 2013 sanya china the 508 papers are grouped as follows chapter 1 chemical engineering and technology bio and medical chemistry engineering chapter 2 material science manufacturing technology and civil engineering chapter 3 mechanical engineering and equipment mechatronics automation and control chapter 4 measurement and instrumentation monitoring testing and detection technologies fault diagnosis chapter 5

computation methods and algorithms for modeling simulation and optimization data mining and data processing chapter 6 information technologies web and networks engineering information security software application and development chapter 7 power and energy electric and magnetic systems electronics and microelectronics embedded and integrated systems chapter 8 communication signal and image processing data acquisition identification and recognation technologies chapter 9 information technologies in management logistics economics finance and assessment

JPE 1993

1994

volume 1 a and b covers international organizations throughout the world comprising their aims activities and events

Japanese Pharmaceutical Excipients Directory (JPED) 1996

1996

doctoral thesis dissertation from the year 2022 in the subject chemistry other language english abstract the title of this thesis synthesis and characterization of drug carrier based on polysaccharides clearly reflects the objective which is an approach towards preparation of excipients defined as the substance used as a medium for giving a medicament that is to say with simply the functions of an inert support of the active principle or principles okra gum obtained from the fruits of hibiscus esculents is a polysaccharide consisting of d galactose l rhamnose and l galacturonic acid it is used as a binder in studies okra gum has been evaluated as a binder in paracetamol tablet formulations these formulations containing okra gum as a binder showed a faster onset and higher amount of plastic deformation than those containing gelatin the crushing strength and disintegration times of the tablets increased with higher binder concentration while their friability decreased although gelatin produced four tablets with higher crushing strength okra gum produced tablets with longer disintegration times than those containing gelatin it was finally concluded from the results that okra gum may be a useful hydrophilic matrixing agent in sustained drug delivery system various strategies were developed in order to overcome these issues offering the opportunity to tailor the physical and chemical properties of okra gum thus yielding materials that may find a wide range of applications extraction and purification of okra gum was carried out from okra pods followed by carboxymethylated and phosphorylation of extracted okra gum which was carried out along with optimization of reaction parameter of the primary derivatives that is carboxymethylated okra gum and hydroxyl propyl okra phosphate followed by drug carriers preparation by the second modification carboxymethylated okra gum and hydroxyl propyl okra phosphate were carried out by cross linking acrylic acid n n methylene acryl amide hydroxyethyl methacrylate hema respectively synthesized cross linked polymer were further investigated as drug carriers by formulating as tablet for sustained drug release the drug release of different formulations were measured in relation to time and also compared with the standard drugs further mathematical modeling was implemented to know the order of release behavior of formulated tables

GMP Guide for Bulk Pharmaceutical Excipients 2001 Pocket Size Version

2001-01-01

selected peer reviewed full text papers from the 4th pst and 2nd icetat

Certificate of Analysis Guide for Bulk Pharmaceutical Excipients 2000

2000-01-01

Significant Change Guide for Bulk Pharmaceutical Excipients 2000

2000-01-01

Supplement to Japanese Pharmaceutical Excipients, 1994

1995

Joint Ipec / Pqc Good Manufacturing Practices Guide for Pharmaceutical Excipients 2006

2006-01-01

Pharmaceutical Excipients

2016-10-03

Handbook of Pharmaceutical Excipients

1986

Handbook of Pharmaceutical Excipients

2000

Handbook of Pharmaceutical Excipients

2003

Formulation and Analytical Development for Low-Dose Oral Drug Products

2009-02-09

Dosage Forms, Formulation Developments and Regulations

2023-12-09

Drug Safety Evaluation

2016-11-07

Chemical and Mechanical Engineering, Information Technologies

2013-09-04

American Journal of Hospital Pharmacy

1987

Journal of the Association of Official Analytical Chemists

1987

Yearbook of International Organizations 2013-2014 (Volumes 1A-1B)

2013-06-21

Synthesis and characterization of drug carrier based on polysaccharides

2023-01-09

Engineering Tribology and Biomedical Materials

2021-10-08

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