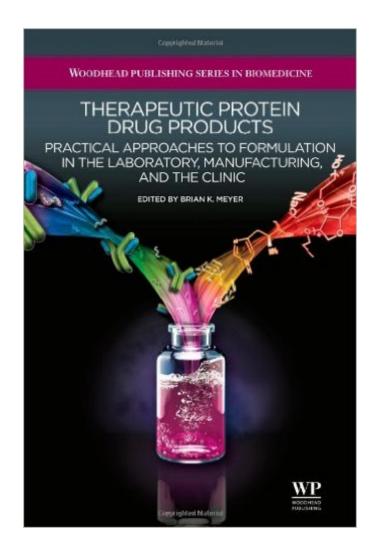
## The book was found

## Therapeutic Protein Drug Products: Practical Approaches To Formulation In The Laboratory, Manufacturing, And The Clinic (Woodhead Publishing Series In Biomedicine)





## **Synopsis**

Therapeutic protein drug products provides a comprehensive overview of therapeutic protein drug products, with an emphasis on formulation beginning in the laboratory, followed by manufacturing and administration in the clinic. A list of many commercial therapeutic drug products are described and include the product name, dosages, active concentration, buffer, excipients, Ph, container type and route of administration. The laboratory formulation sections focus on the most common buffers, excipients, and Ph ranges that are commonly tested in addition to systematic approaches. A brief section on biophysical and analytical analysis is also provided. Properties of therapeutic protein formulations are described and include opalescence, phase separation, color, and subvisible particles. An emphasis is placed on material and process testing to ensure success during manufacturing. The drug product manufacturing process, which includes the process of compounding to filling, is also covered. Methods of delivery in the clinic are addressed, as well as delivery strategies. Finally, a perspective on the regulatory requirements for therapeutic protein formulations is discussed. Provides a list and description of commercially available therapeutic drug products and their formulations A comprehensive and practical overview of protein formulation in the laboratory, manufacturing, and the clinicDiscusses recent topics including high protein concentration, phase separation, opalescence, and subvisible particles

## **Book Information**

Series: Woodhead Publishing Series in Biomedicine (Book 6)

Hardcover: 200 pages

Publisher: Woodhead Publishing; 1 edition (January 2012)

Language: English

ISBN-10: 1907568182

ISBN-13: 978-1907568183

Product Dimensions: 6.3 x 0.7 x 9.4 inches

Shipping Weight: 12 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,727,010 in Books (See Top 100 in Books) #113 in Books > Medical Books > Pharmacology > Clinical #170 in Books > Business & Money > Industries > Pharmaceutical & Biotechnology #408 in Books > Textbooks > Medicine & Health Sciences > Reference > Drug Guides

Download to continue reading...

Therapeutic Protein Drug Products: Practical Approaches to formulation in the Laboratory, Manufacturing, and the Clinic (Woodhead Publishing Series in Biomedicine) DIY Protein Bars: 25 Simple Protein Bar Recipes For Making Quick Healthy Snacks. Learn How to Make Protein Bars in No Time (div protein bars, protein bars, high protein snacks) DIY Protein Bars: Simple & Tasty Homemade Protein Bar Recipes for Weight Loss, and Build Muscles to Replace a Properly Balanced Meal (Protein Bars, DIY Protein Bars, protein bars at home) Combating Resistance to Xenobiotics: Biological and Chemical Approaches (Ellis Horwood Series in Biomedicine) Ideal Protein Cookbook - The Ultimate Guide in Protein for Fitness Health and Wellness: The Ultimate Guide in Protein for Fitness Health and Wellness Cosmetic Formulation of Skin Care Products (Cosmetic Science and Technology Series Vol. 30) Protein Formulation and Delivery (Drugs and the Pharmaceutical Sciences) Protein-Protein Interactions in Drug Discovery, Volume 56 Minimization of Welding Distortion and Buckling: Modelling and Implementation (Woodhead Publishing Series in Welding and Other Joining Technologies) Sensor Technologies for Civil Infrastructures: Sensing Hardware and Data Collection Methods for Performance Assessment (Woodhead Publishing Series in Electronic and Optical Materials) Waste Electrical and Electronic Equipment (WEEE) Handbook (Woodhead Publishing Series in Electronic and Optical Materials) Advances in Powder Metallurgy: Properties, Processing and Applications (Woodhead Publishing Series in Metals and Surface Engineering) Superplasticity and Grain Boundaries in Ultrafine-Grained Materials (Woodhead Publishing Series in Metals and Surface Engineering) Laser Surface Engineering: Processes and Applications (Woodhead Publishing Series in Electronic and Optical Materials) Computer Design of Diffractive Optics (Woodhead Publishing Series in Electronic and Optical Materials) Dental Biomaterials: Imaging, Testing and Modelling (Woodhead Publishing Series in Biomaterials) Biocompatibility and Performance of Medical Devices (Woodhead Publishing Series in Biomaterials) The Coal Handbook: Towards Cleaner Production: Coal Production (Woodhead Publishing Series in Energy) Biomaterials for Artificial Organs (Woodhead Publishing Series in Biomaterials) Mayo Clinic Gastroenterology and Hepatology Board Review (Mayo Clinic Scientific Press)

Dmca