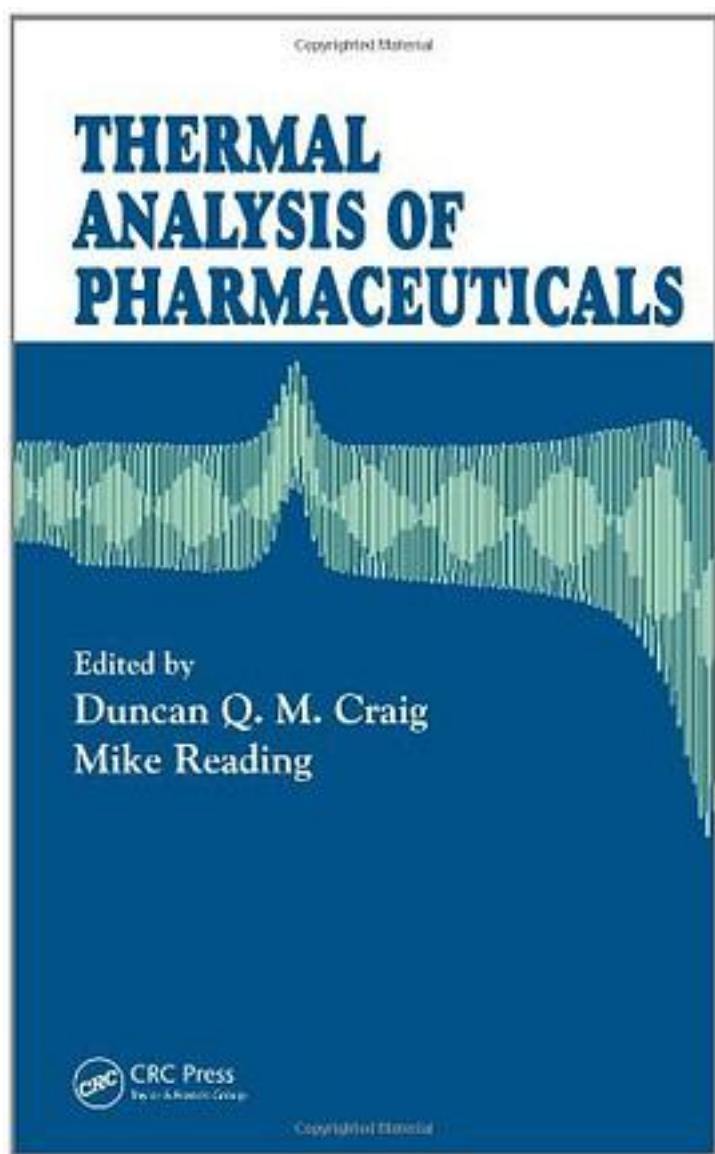


Thermal Anal of Phars



[Thermal Anal of Phars_ 下载链接1](#)

著者:Craig, Duncan Q. M. (EDT)/ Reading, Michael (EDT)

出版者:CRC Pr I Llc

出版时间:2006-12

装帧:HRD

isbn:9780824758141

As a result of the Process Analytical Technologies (PAT) initiative launched by the U.S. Food and Drug Administration (FDA), analytical development is receiving more attention within the pharmaceutical industry. Illustrating the importance of analytical methodologies, "Thermal Analysis of Pharmaceuticals" presents reliable and versatile characterization tools for the successful development of pharmaceutical products. It draws attention to the most widely applicable methods and demonstrates how to interpret the associated data. The book opens with the first three chapters devoted to differential scanning calorimetry (DSC), the most commonly used thermal method. These chapters cover the principles, optimal use, and pharmaceutical applications of the method. Subsequent chapters explore modulated temperature DSC, thermogravimetric analysis, thermal microscopy, microcalorimetry, high sensitivity DSC, dynamic mechanical analysis, and thermally stimulated current, all of which have attracted great interest within the pharmaceutical field. The chapters include theoretical background, measurement optimization, and pharmaceutical applications of each technique. Exploring important techniques for characterizing the physical structure and properties of pharmaceutical materials, "Thermal Analysis of Pharmaceuticals" achieves an ideal balance in the depth, relevance, and accessibility of topics presented. The book provides an excellent overview of this key area in pharmaceutical development.

作者介绍:

目录:

[Thermal Anal of Phars_ 下载链接1](#)

标签

评论

[Thermal Anal of Phars_ 下载链接1](#)

[Thermal Anal of Phars_ 下载链接1](#)