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Nota di contenuto	Part 1. Spectrophotometric techniques -- Chapter 1. Introduction of pharmaceutical analysis -- Chapter 2. Introduction of spectrophotometric techniques -- Chapter 3. UV-VIS spectroscopy -- Chapter 4. Infra-Red spectroscopy -- Chapter 5. Atomic spectroscopy -- Chapter 6. Atomic absorption spectroscopy -- Chapter 7. Atomic Emission spectroscopy -- Chapter 9. Mass spectroscopy -- Chapter 10. Nuclear magnetic resonance spectroscopy -- Part 2. Chromatographic techniques -- Chapter 11. Introduction of chromatographic techniques -- Chapter 12. Thin layer chromatography -- Chapter 13. Column chromatography -- Chapter 14. High performance liquid chromatography (HPLC) -- Chapter 15. Gas chromatography -- Part 3. Thermal analysis techniques -- Chapter 16. Introduction of thermal analysis -- Chapter 17. Differential scanning calorimetry (DSC) -- Chapter 18. Differential thermal analysis (DTA) -- Chapter 19. Thermo gravimetric analysis (TGA).
Sommario/riassunto	Recent advances in the pharmaceutical sciences and biotechnology have facilitated the production, design, formulation and use of various

types of pharmaceuticals and biopharmaceuticals. This book provides detailed information on the background, basic principles, and components of techniques used for the analysis of pharmaceuticals and biopharmaceuticals. Focusing on those analytical techniques that are most frequently used for pharmaceuticals, it classifies them into three major sections and 19 chapters, each of which discusses a respective technique in detail. Chiefly intended for graduate students in the pharmaceutical sciences, the book will familiarize them with the components, working principles and practical applications of these indispensable analytical techniques.
