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ISBN	9783030627164 3-030-62716-0
Edizione	[First edition]
Descrizione fisica	1 online resource (xiv, 325 pages) : 120 illustrations, 102 color illustrations
Disciplina	633.79
Soggetti	Cannabis Marijuana industry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. An Introduction to Cannabis Laboratory Safety and Compliance Testing -- 2. Cannabis Safety Testing Laboratory Floor Planning & Design -- 3. Laboratory Safety from Site Selection to Daily Operation -- 4. Preparing Cannabis Laboratory Business License Applications -- 5. Quality Assurance and the Cannabis Analytical Laboratory -- 6. Cannabis Laboratory Management: Staffing, Training and Quality -- 7. Laboratory Information Management Systems (LIMS) -- 8. Pesticide and Mycotoxin Detection and Quantitation -- 9. Cannabinoid Detection and Quantitation -- 10. Utilizing GC-MS and GC Instrumentation for Residual Solvents in Cannabis and Hemp -- 11. Elemental Analysis of Cannabis and Hemp – Regulations, Instrumentation, and Best Practices -- 12. Quantitative Terpene Profiling from Cannabis Samples -- 13. Laboratory Safety and Compliance Testing for Microorganism Contamination in Marijuana.
Sommario/riassunto	Cannabis laboratory safety testing is a new investment opportunity within the emerging cannabis market that is distinct from cultivation, processing, distribution, and retail. It is supported in every U.S. state to date that permits consumption by legislative requirements that medical and recreational/adult-use cannabis undergo laboratory testing. This is facilitating a new route of entry into the cannabis value chain for

individuals and organizations who may have been reluctant to participate previously. Cannabis Laboratory Fundamentals provides an in-depth review of key issues that impact cannabis testing laboratories and provides recommendations and solutions to avoid common – but costly – mistakes. While methodology chapters about common compliance tests are included, it goes beyond with chapters on economics, regulation, and numerous operational challenges. This text is useful for both new and experienced cannabis laboratory operators, as well as those who want to understand the opportunities and risks of this industry sector.

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