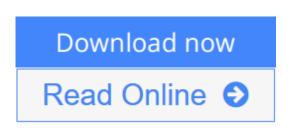


Pharmaceutical Microbiology: Essentials for Quality Assurance and Quality Control

By Tim Sandle



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Pharmaceutical Microbiology: Essentials for Quality Assurance and Quality Control presents that latest information on protecting pharmaceutical and healthcare products from spoilage by microorganisms, and protecting patients and consumers. With both sterile and non-sterile products, the effects can range from discoloration to the potential for fatality.

The book provides an overview of the function of the pharmaceutical microbiologist and what they need to know, from regulatory filing and GMP, to laboratory design and management, and compendia tests and risk assessment tools and techniques. These key aspects are discussed through a series of dedicated chapters, with topics covering auditing, validation, data analysis, bioburden, toxins, microbial identification, culture media, and contamination control.

- Contains the applications of pharmaceutical microbiology in sterile and nonsterile products
- Presents the practical aspects of pharmaceutical microbiology testing
- Provides contamination control risks and remediation strategies, along with rapid microbiological methods
- Includes bioburden, endotoxin, and specific microbial risks
- Highlights relevant case studies and risk assessment scenarios

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Editorial Review

About the Author

Tim Sandle is Head of Microbiology at the Bio Products Laboratory, Elstree, UK and a visiting tutor with the School of Pharmacy and Pharmaceutical Sciences, Manchester University, UK.

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