

Basic principles of forensic chemistry

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Abstrak

Basic principles of forensic chemistry is designed to provide a clear and concise understanding of forensic chemistry. The text begins with an introduction to the basic principles of chemistry and expands through organic chemistry into forensic investigation. The detailed chapters focus on both the theoretical and practical aspects of forensic chemistry with emphasis on controlled substance testing and identification. In addition, the text contains a comprehensive collection of information and data on controlled substances commonly encountered in forensic investigation including, detailed structural analysis, physical and physiological effects, functional group reactivity, and results of analytical examination. Also illustrated is arguably the greatest challenge to the forensic chemist. The investigation and processing of clandestine laboratory operations. The Forensic Chemistry Laboratory Manual is included on a CD-ROM and contains a collection of practical exercises designed to support theoretical principles covered in the text.