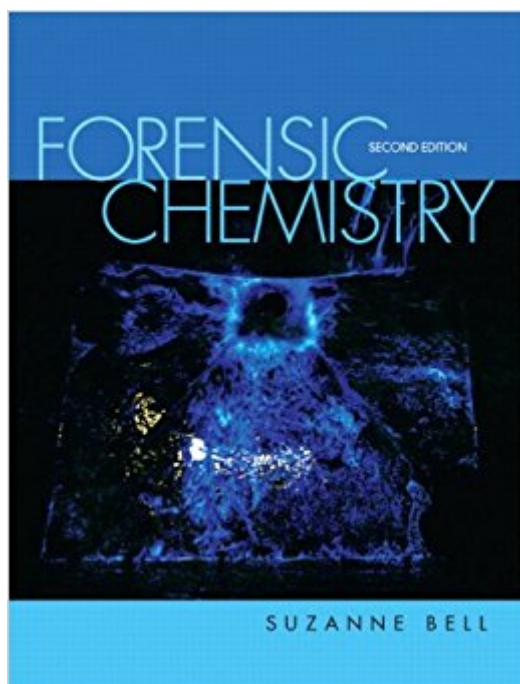


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# Forensic Chemistry (2nd Edition)



## Synopsis

The first text to specifically address this growing field, *Forensic Chemistry* introduces the principal areas of study from the perspective of analytical chemistry—addressing the legal context in which forensic chemistry is conducted, types of samples and matrices, variety of sample types encountered, and extensive use of instrumentation. It provides a solid foundation for basic chemistry, introducing chemical concepts and practices from a forensic perspective (including multivariate statistics, quality assurance/quality control, and protocols used in working forensic laboratories). The Second Edition has been reorganized significantly, and updated to reflect new developments in the course.

## Book Information

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## Customer Reviews

I wish to start off by stating that the binding of this book is terrible. I had to purchase this book for a class and myself, as well as numerous colleagues, experienced the pages being removed from the spine of the book. I'm stating this as a precautionary tale since I was pretty unhappy buying this book new only to experience broken binding in multiple areas of the book within weeks of the purchase. If this book is a necessity, I would simply advise replacing the spine of the book or possibly removing the cover altogether, using a hole punch, and placing the pages into a 3-ring binder. Otherwise, you will continuously be annoyed at the book tearing at the seams. About the text itself, I appreciated the thorough detailing of the concepts, wide variety of forensic related topics, and informative mini history lessons. There were a few minor errors in chemical structure or

vocabulary usage, but not enough to subtract from the overall appeal of the book since mistakes can be found in almost all books. Forensic Chemistry can be used as a great resource for both budding chemistry students and more esteemed scientists due to the excellent reference listing at the end of each chapter, as well as generalized and specific chemistry related information. If you can get past the binding issue, the book is fairly entertaining and enlightening.

Received in good condition

I may be biased because Dr. Bell works in my department, but I've never personally had her as a professor. The book is excellent and offers a very detailed look at forensic chemistry. It covers a wide range of forensic chem topics from drug analysis to arson investigation. My favorite part is the numerous sidebars which include case studies or nuances that really help you to appreciate how useful the information in the text can be. I would recommend this text to anyone from a beginner to a professor.

Bought it for a class and was not disappointed. Came in great condition!

This book was ok; however, the spine of the book was falling apart when i received, so this made it difficult at times to enjoy reading it.

Book was shipped with a broken binding, good thing there was no useful information inside for me to miss out on.

An excellent book, with many references of articles at the end of chapters and good practical examples for everyday of a coroner. Presents a general review of the methods and techniques used in forensic chemistry and forensic toxicology. However, as has some errors on page 119, shows the structure when "naproxen" with an aldehyde group in its acid form, rather than a carboxylic acid. Another error observed is that which refers to 'absorb' molecules in an SPME fiber, when the mechanism is the correct "adsorption", mentioned on page 131. Overall it is a very good book.

This book starts at a very minor chemistry level, discussing balancing equations and understanding relationships between different functional groups, acids and bases. However it is not until the much later chapters that it discusses the illegal drugs being used today. Therefore, they are barely

touched on at the end of a semester and sometimes only one lecture is devoted to them.

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