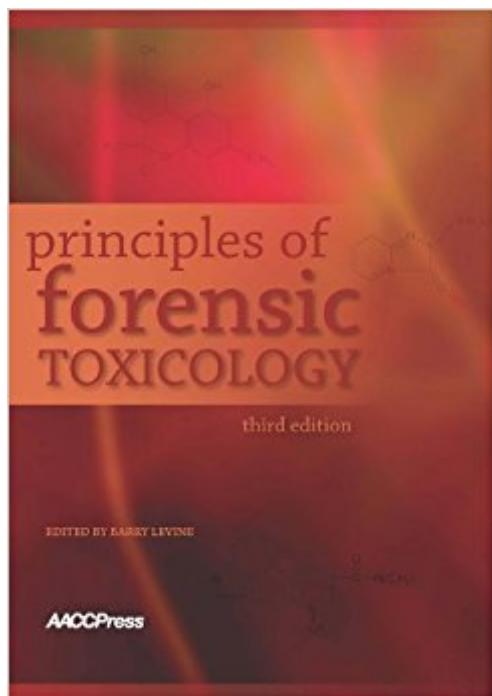


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Principles Of Forensic Toxicology, 3rd Edition



Synopsis

This third edition of the classic, best-selling textbook -- ideal for the classroom and the reference shelf -- includes new chapters on non-narcotic analgesics and antihistamines, as well as a number of updated chapters, including mass spectrometry, cannabis, and opioids. Since the publication of the first edition in 1999, *Principles of Forensic Toxicology* has been used extensively for teaching students taking a one-semester course in forensic toxicology. It has also proven to be an invaluable reference for laboratorians. The first section provides an introduction to postmortem forensic toxicology, human performance forensic toxicology, forensic drug testing, and pharmacokinetics and pharmacodynamics. The second section is devoted to analytical principles, including both theory and applications. Methodologies covered include specimen preparation, spectrophotometry, chromatography, immunoassay, mass spectrometry, and methods validation. The third section covers commonly encountered analytes, including alcohol, benzodiazepines, GHB, miscellaneous central nervous system depressants, opioids, cocaine, cannabis, amphetamines/sympathomimetic amines, hallucinogens, anticonvulsants, antiarrhythmics, antidepressants, antihistamines, neuroleptics, non-narcotic analgesics, carbon monoxide/cyanide, inhalants, and metals.

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Customer Reviews

Barry Levine, Ph.D., is Chief Toxicologist, Office of the Chief Medical Examiner, State of Maryland, and a Forensic Toxicologist, Armed Forces Medical Examiner. He is also Clinical Associate Professor, Department of Pathology at the University of Maryland School of Medicine. Dr. Levine is

a diplomate of the American Board of Forensic Toxicology and the American Board of Clinical Chemistry - Toxicological Chemistry.

Item as described.

This text is informative, as it should be. But I actually found it to also be engaging and interesting. I've also found it helpful in my research as a reference on things like protein precipitation and sample prep.

Course requirement, very informative. Includes doping in sports and other drugs of abuse as separate discussion. Recommended if interested in a toxicologist position.

I am a forensic chemist. This book is excellent for teaching to attorneys. I own the three editions. I am waiting the fourth. I hope It will have pesticides and poisons chapters.

This textbook is simple to read yet very detailed. It helped me in my analytical toxicology course and is helping me succeed in class.

Fantastic reference book at a great price from ; i found it much more expensive from other sites and bookstores

If you are interested in forensic toxicology, Principles of Forensic Toxicology is a great addition to your library. The book is desinged for an undergraduate course of one semester. This book is well-written by renown scientists and provides an excellent introduction to toxicology. It provides detailed information on instruments and the principles and theories of their use, drugs of abuse, alchols, postmortem toxicology, and general principles of toxicology. This book further solidified my knowledge of toxicology & will be an excellent source for future questions and problems.

this book is an ok read and is quite helpful when trying to get your head round the vast field that is forensic science but you wouldnt want to read it more than once.i recommend crime scene to court, the principles of forensic science which is much more interesting

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