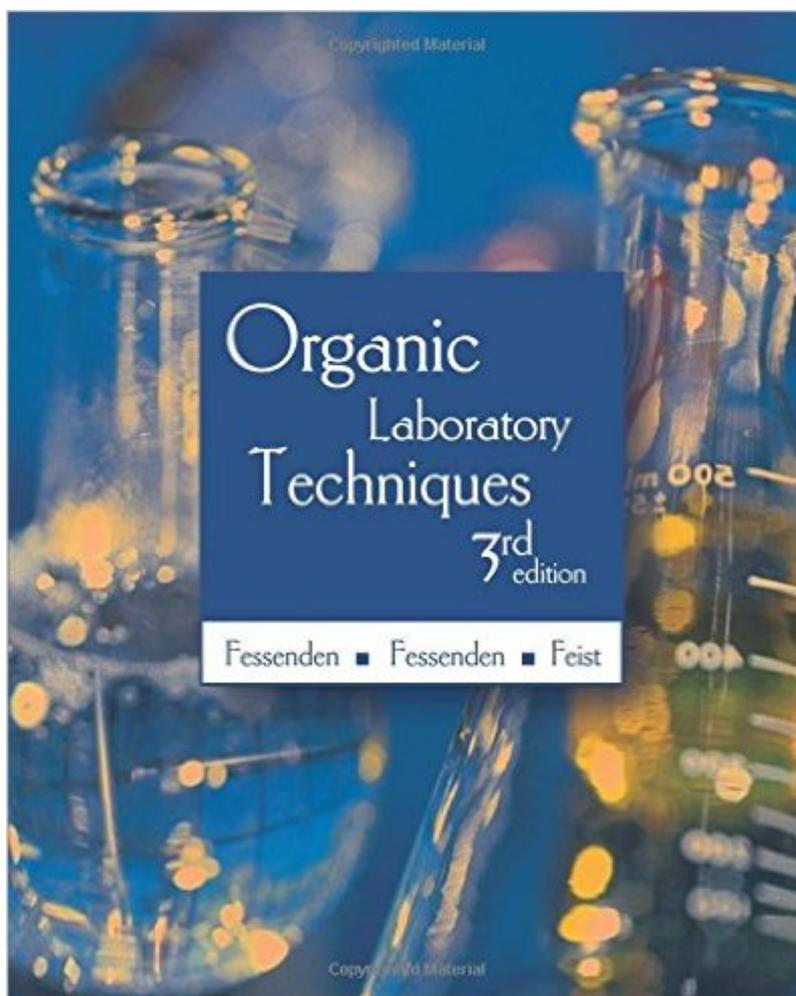


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Organic Laboratory Techniques



Synopsis

This highly effective and practical manual is designed to be used as a supplementary text for the organic chemistry laboratory course - and with virtually any main text - in which experiments are supplied by the instructor or in which the students work independently. Each technique contains a brief theoretical discussion. Steps used in each technique, along with common problems that might arise. These respected and renowned authors include supplemental or related procedures, suggested experiments, and suggested readings for many of the techniques. Additionally, each chapter ends with a set of study problems that primarily stress the practical aspects of each technique, and microscale techniques are included throughout the text, as appropriate. Additional exercises, reference material, and quizzes are available online.

Book Information

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Customer Reviews

The authors give a nice presentation of theory involved in recrystallization, distillation, chromatography, and extraction. The writing style is academic, but friendly enough to keep you interested. I found it great to read before doing the scheduled experiments in O-Chem lab. However, this is a very "student"-ish text and I seriously doubt professionals would find it useful, unless you're looking for a refresher course in the basic techniques. The labs I took had a significant amount of NMR involved; not much discussion in this text about that. The problems provided are usually good, but there are no answers given. I'd also recommend "Principles and Techniques in an Integrated Chem Laboratory" by Aikens, Bailey, et al.

This is a wonderful book for a chemistry student. I got this book for organic chemistry, but I wish I had it back in general chemistry. The book is organized by different techniques and works wonderfully that way. I usually sell my books back, but this one has tables and other special information that I really like. Explanations of techniques are very in depth and very well organized. A must buy for any college chemistry student.

Despite my outright hate for the subject, I have to admit that this book made bearing the class a little easier, and help lab pull my lecture grade grade up a bit! The lab procedures are laid out clearly and the diagrams make it easy to figure out what you are supposed to do and what goes where. As a bonus, you'll be making everclear in no time! Kidding aside, If its on your required book list, get it, its very helpful and will make lab painless.

So far so good. It really breaks down the labs well. I have been out of a chem lab for many years and now jumping back into Orgo (I'm not crazy I swear), this really helps me understand what's going on. It gives pointers and trouble shooting tips. It really is a must have for the techniques in lab. I haven't had to Google/YouTube anything after reading this book for techniques. That in itself is why the star rating. One con-- there are end of section questions but no answers... they certainly know how to leave a girl hangin'...

This is a great book if you are starting off organic chemistry. It really describes all the techniques very carefully. My class used it as a supplement to our lab book. I usually relied on it because our lab book didn't completely explain the steps of many techniques. Great supplemental book!!

This book is required by my first organic chem class. The quality of the book is okay; it offers short and simple guidelines. There are better books out there that help explain tricky techniques, though.

A good informative lab textbook that informs you about the different techniques such as distillation, chromatography, but it is not worth the money that it costs. I had to buy this product as a requisite for an organic chemistry course, but would not have done so otherwise. Many of the things covered in the manual was better and more concisely explained by the lab instructor. This purchase might be worth the trouble if the lab instructor is lackluster or just plain out doesn't know his stuff. However, they are few and far in between.

I purchased this as a requirement for Organic Chemistry Lab. It was helpful in understanding techniques and lab equipment, however I feel I would have done just as well if someone explained these techniques to me in person. For what the book contains, I do not think it is worth the price, even used.

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