



Macroscale and Microscale Organic Experiments

By Kenneth L. Williamson, Robert Minard, Katherine M. Masters

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The market leader for the full-year organic laboratory, this manual derives many experiments and procedures from the classic Feiser lab text, giving it an unsurpassed reputation for solid, authoritative content. The Williamson/Minard/Masters manual's flexible mix of macroscale and microscale options for most experiments allows instructors to save on the purchase and disposal of expensive, sometimes hazardous organic chemicals. Macroscale versions can be used for less costly experiments, giving students experience working with conventionally sized glassware. The Fifth Edition of the manual includes new experiments that stress greener chemistry, revised content in computational chemistry, and more information on laboratory safety procedures.

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Editorial Review

About the Author

Ken Williamson is retired from Mt. Holyoke College where he taught the organic chemistry laboratory course. He is an established authority on microscale techniques and regularly holds workshops and travels to campuses in the U.S., Canada, and Europe to demonstrate the use of microscale.

A PhD from Pennsylvania State University, Katherine Masters is director of the organic chemistry laboratory courses at Penn State.

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