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THIRD EDITION

Richard C. Bauer • James P. Birk Douglas J. Sawyer



Laboratory Inquiry In Chemistry

Vickie Williamson, Larry Peck, Kathleen McCann

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Peck, Kathleen McCann, 2018-02-08 Maximize your skills and understanding with EXPERIMENTS IN GENERAL CHEMISTRY INQUIRY AND SKILL BUILDING Third Edition The manual s 31 experiments include Skill Building Guided Inquiry and Open Inquiry experiments to provide maximum lab experience in the minimum amount of lab time Each experiment includes prelab questions to help you prepare for the lab ahead of time and post lab questions that lead you from data analysis to concept development to reinforce the core concepts of the lab Important Notice Media content referenced within the product description or the product text may not be available in the ebook version Experiments in General Chemistry: Inquiry and Skillbuilding Vickie Williamson, Larry Peck, 2008-02-27 With many years of teaching experience in the classroom and laboratory Vickie Williamson and Larry Peck have created EXPERIMENTS IN GENERAL CHEMISTRY INQUIRY AND SKILL BUILDING with carefully crafted and tested experiments designed to complement any general chemistry curriculum The authors have selected three types of lab experiments to meet all of the needs of students and instructors looking for a selection of laboratory pedagogy There are Skill Building experiments to develop techniques and demonstrate previously developed concepts Guided Inquiry experiments to direct the students to collect data on variables without previously studying the concepts and guide them to look for patterns in the data and Open Inquiry experiments to allow the students to apply concepts or relationships in a new setting Twenty eight experiments feature Pre Lab questions and Post Lab questions on perforated pages for easy removal of worksheets and there is a Common Procedures and Concepts section as an appendix for easy retrieval of basic information for students Important Notice Media content referenced within the product description Im T/A Working with Chemistry Wink, 2000 or the product text may not be available in the ebook version

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