



Microwave-Enhanced Chemistry: Fundamentals, Sample Preparation, and Applications (ACS Professional Reference Book)

By -

American Chemical Society, 1997. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Fundamentals of Microwave Application 1. Applications of Microwave Dielectric Heating Effects to Synthetic Problems in Chemistry 2. Overview of Microwave-Assisted Sample Preparation, Peter J. Walter, Stuart Chalk, and H. M. (Skip) Kingston 3. Environmental Microwave Sample Preparation: Fundamentals, Methods, and Applications, H. M. (Skip) Kingston, Peter Walter, Stuart Chalk, Elke Lorentzen, and Dirk Link Alternative Laboratory Microwave Instruments 4. Development of High-Pressure Closed-Vessel Systems for Microwave-Assisted Sample Digestion, Henryk Matusiewicz 5. Focused-Microwave-Assisted Reactions: Atmospheric-Pressure Acid Digestion, On-Line Pretreatment and Acid Digestion, Volatile Species Production, and Extraction, J. M. Mermet 6. Applying Flow Methodology to Microwave-Enhanced Reactions, K. E. Williams and Stephen J. Haswell 7. Pressure-Controlled Microwave-Assisted Wet Digestion Systems, Gnter Knapp, F. Panholzer, A. Schalk, and P. Kettisch Chemistry Applications 8. Microwave Heating in Organic Chemistry: An Update, George Majetich and Karen Wheless 9. Use of Microwave Heating in Undergraduate Organic Laboratories, George Majetich, Rodgers Hicks, and Edwin Neas 10. Microwave-Assisted Inorganic Reactions, David R. Baghurst and D. Michael P. Mingos 11. Applications of Microwaves in Catalytic Chemistry

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