



Principles of Chemistry: The Molecular Science

By Moore, John W.; Stanitski, Conrad L.; Jurs, Peter C.

Cengage Learning, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: 1. THE NATURE OF CHEMISTRY. Why Care About Chemistry? Cleaning Drinking Water. How Science is Done. Identifying Matter: Physical Properties. Chemical Change and Chemical Properties. Classifying Matter: Substances and Mixtures. Classifying Matter: Elements and Compounds. Nanoscale Theories and Models. The Atomic Theory. The Chemical Elements. Communicating Chemistry: Symbolism. Modern Chemical Sciences. 2. ATOMS AND ELEMENTS. Atomic Structure and Subatomic Particles. The Nuclear Atom. The Sizes of Atoms and the Units Used to Represent Them. Uncertainty and Significant Figures. Atomic Numbers and Mass Numbers. Isotopes and Atomic Weight. Amounts of Substances: The Mole. Molar Mass and Problem Solving. The Periodic Table. 3. CHEMICAL COMPOUNDS. Molecular Compounds. Naming Binary Inorganic Compounds. Hydrocarbons. Alkanes and Their Isomers. Ions and Ionic Compounds. Naming Ions and Ionic Compounds. Bonding in and Properties of Ionic Compounds. Moles of Compounds. Percent Composition. Determining Empirical and Molecular Formulas. The Biological Periodic $Table.\ 4.\ QUANTITIES\ OF\ REACTANTS\ AND\ PRODUCTS.\ Chemical\ Equations.\ Patterns\ of\ Chemical$ Reactions. Balancing Chemical Equations. The Mole and Chemical Reactions: The Macro-Nano Connection. Reactions with One Reactant in Limited Supply. Evaluating the Success of a Synthesis: Percent Yield. Percent...



Reviews

A fresh e-book with a brand new perspective. This is certainly for anyone who statte that there had not been a really worth reading. I am just happy to explain how this is the very best publication i have go through in my individual lifestyle and may be he best pdf for ever.

-- Margarett Roob

The very best publication i possibly study. This is certainly for anyone who statte there was not a worth looking at. I am just very happy to tell you that this is basically the best pdf i actually have study inside my individual life and could be he very best pdf for possibly.

-- Darlene Blick