

CHAPTER OVERVIEW

7: Chemical Reactions - Energy, Rates, and Equilibrium

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7.2: Heat Changes during Chemical Reactions

7.3: Exothermic and Endothermic Reactions

7.4: Why Do Chemical Reactions Occur? Free Energy

7.5: How Do Chemical Reactions Occur? Reaction Rates

7.6: Effects of Temperature, Concentration, and Catalysts on Reaction Rates

7.7: Reversible Reactions and Chemical Equilibrium

7.8: Equilibrium Equations and Equilibrium Constants

7.9: Le Chatelier's Principle- The Effect of Changing Conditions on Equilibria

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