

## AP Chem Flashcards PDF

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What is the molecular formula for glucose?

C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

What is the pH of a neutral solution at 25 degrees Celsius?

7

What is the primary gas produced during photosynthesis?

Oxygen (O<sub>2</sub>)

What is the law that states that mass is neither created nor destroyed in a chemical reaction?

Law of Conservation of Mass

What is the term for the amount of energy required to raise the temperature of 1 gram of water by 1 degree Celsius?

Calorie

What is the name of the process by which a solid changes directly into a gas?

Sublimation

What is the chemical symbol for gold?

Au

What is the term for a solution that contains the maximum amount of solute that can dissolve at a given temperature?

Saturated solution

What is the name of the negatively charged particle in an atom?

Electron

What is the principle that states that the total pressure of a gas mixture is equal to the sum of the partial pressures of each individual gas?

Dalton's Law of Partial Pressures