

Name _____

What Is The Role Of Catalysts And Enzymes In Speeding Up Reactions?

Short Answer Key

1. An example of a catalyst in everyday life is the platinum catalyst in catalytic converters, which helps transform harmful exhaust gases into less harmful substances, reducing air pollution.
2. Enzymes in the digestive system break down food into smaller, absorbable molecules, aiding in nutrient absorption.
3. Enzymes are essential in brewing beer as they convert sugars into alcohol and carbon dioxide during fermentation.
4. A catalyst is not consumed in a chemical reaction and remains unchanged after the reaction, while a reactant is a substance that undergoes a chemical change in a reaction.
5. Enzymes in laundry detergents break down stains and dirt on clothing, improving the cleaning process.

