

KETONE

Meaning: Ketone: a type of organic compound produced by the liver during the breakdown of fats, often associated with fasting or low carbohydrate intake, and indicative of a metabolic state known as ketosis.

1. Ketones are produced in the liver during periods of fasting or low carbohydrate intake.
2. The presence of ketones in the bloodstream can indicate a state of ketosis, which is often sought in ketogenic diets.
3. Some athletes use ketone supplements to enhance their performance and improve endurance.
4. In organic chemistry, a ketone is characterized by a carbonyl group bonded to two carbon atoms.
5. Diabetes can lead to dangerously high levels of ketones in the blood, resulting in a condition known as ketoacidosis.

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