

AMYLOLYTIC

Meaning: Amylolytic refers to the ability to break down starches into simpler sugars, typically through the action of specific enzymes or bacteria.

1. The amylolytic enzymes in the digestive system help break down starches into sugars.
2. Researchers studied the amylolytic bacteria found in the gut microbiome of different mammals.
3. An amylolytic process is essential for converting complex carbohydrates into simpler sugars.
4. The presence of amylolytic organisms in the soil can enhance the decomposition of organic matter.
5. During fermentation, amylolytic yeast species play a crucial role in producing alcohol from starch.
6. The laboratory focused on isolating amylolytic strains to improve biofuel production.
7. Amylolytic activity can be measured by assessing the rate of starch hydrolysis.
8. Certain fungi exhibit strong amylolytic properties, making them valuable in industrial applications.
9. In agriculture, amylolytic microorganisms can improve soil health and nutrient availability.
10. The study revealed that amylolytic enzymes are crucial for efficient carbohydrate metabolism in plants.

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