

# Acetoin

Production of acetoin from glycerin



Photo: Goreti Braga



**Embrapa**  
Agroenergy

# Production of acetoin from glycerin

Raw material

Process

End product

Glycerin

Fermentative

Acetoin

Fermentative process for acetoin production from crude glycerin from biodiesel production using a new bacterial strain.

## Applications

- + Food, flavoring, cosmetics, pharmaceutical and chemical industries.
- + Synthesis of chemical compounds.

## Advantages

- + Value addition to the biofuel chain, through the use of a byproduct of biodiesel production.
- + Microorganism with high selectivity for acetoin production.

## Stage ► TRL/MRL 3 - Lab scale

Take this  
technology  
to another  
stage



Research  
with us  
for other  
potential  
uses



Make this  
technology  
the basis  
of your  
incubated  
company

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