

Enzymes

Production of lipase by a bacterial strain

Photo: Spawns/iStock



Embrapa
Agroenergy

Production of lipase by a bacterial strain

Raw material

Process

End product

Biomass

Fermentative

Lipase

Bacterial strain from Brazilian biodiversity able to produce lipases that can be applied in different industries.

Applications

- + Food, cosmetics, pharmaceutical, textile, chemical, and detergent industries, among others.

Advantages

- + Lipase produced by a wild microorganism.
- + High hydrolytic activity for longchain substrates.
- + Possibility of use in different industrial processes, such as fat modification, chiral drug and ester synthesis, biodiesel synthesis, among others.

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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