

# Macauba

Extraction process of macauba pulp  
oil by aqueous method



Photo: Mario Smidt





# Extraction process of macauba pulp oil by aqueous method

Raw material

Wet macauba pulp

Process

Aqueous extraction of oil

End product

Macauba crude oil

Extraction process of macauba pulp oil from fresh fruits by aqueous route. The technology consists of mixing the pulp in water followed by oil extraction by a mechanical process.

## Applications

- + Biofuel, food, animal feed, pharmaceutical, and cosmetic industries.
- + Companies in the oilseed processing sector.
- + Smallholders cooperatives/family farming.

## Advantages

- + Clean process, low environmental impact.
- + Efficiency in yield and oil quality.
- + Time saving and cost reduction.
- + Residual biomass with lower oil content.

## Stage ► TRL/MRL 4 - Lab scale

Take this  
technology  
to another  
stage



Research  
with us  
for other  
potential  
uses



Make this  
technology  
the basis  
of your  
incubated  
company

Person in charge: **SIMONE PALMA FAVARO**

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