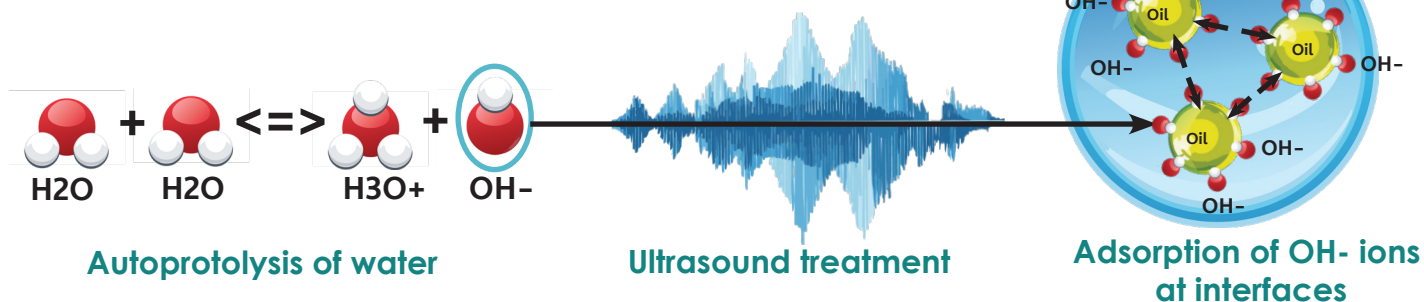


Hydrofeeling®

High frequency ultrasound treatment

Hydrofeeling® is a breakthrough technology, based on the use of ultrasound, enabling ionic rearrangement at the interfaces, which imparts new properties to the treated products, with a wide range of applications!

Ionic rearrangement



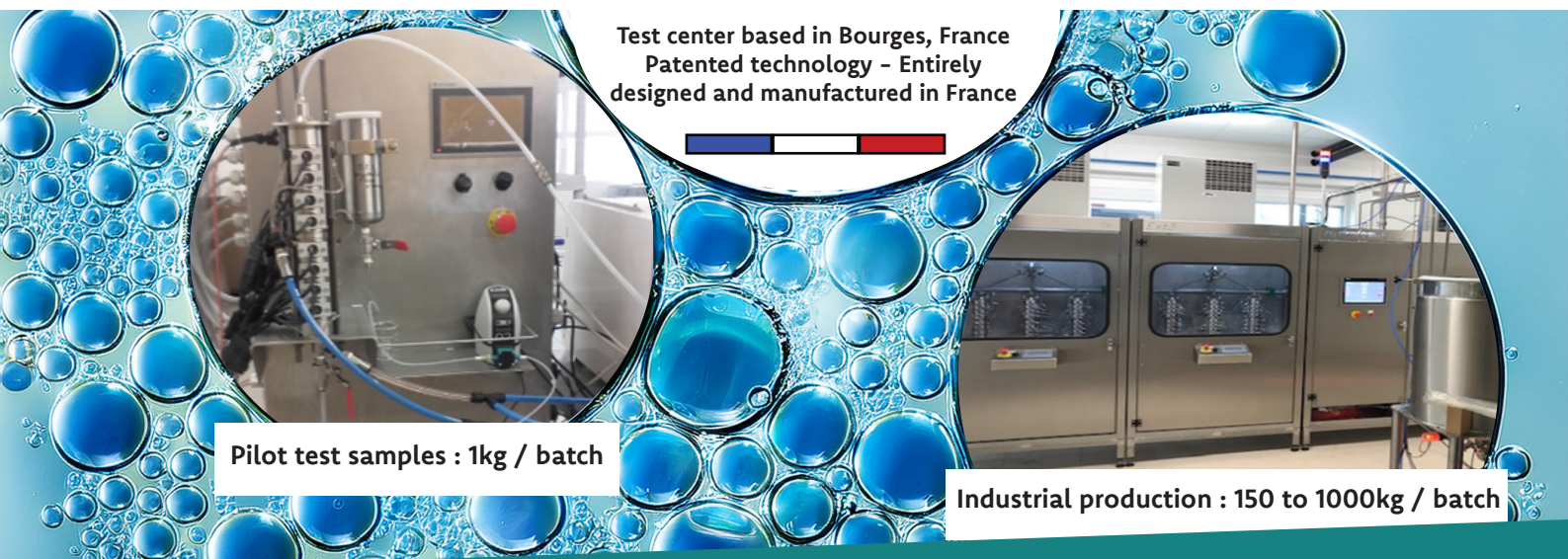
Dual benefits !

1. Emulsion stabilization

Water becomes an emulsion stabilizer:
 OH^- ions act as stabilizers by creating an electrostatic charge.

2. Active ingredient vectorization

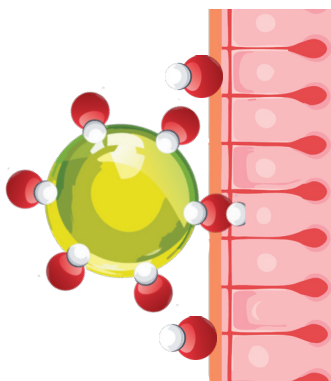
Active ingredients thus stabilized prove to have better availability and optimized access to the target.



Applications

Cosmetics

- > Improved penetration of the skin barrier, without damage
- > Non-invasive system for the skin
- > Improved stability
- > Removal of emulsifiers and stabilizers



Co-Enzyme Q10 Vectorization

HYDROFEELING®: 5,11

HYDROFEELING® & Surfactant: 1,31

Surfactant: 0,87

Control sample: 0,71

DNA measure : µg/µl

The best results after 7 days (maximum cell growth) are obtained with the GENIALIS treatment without surfactants. The barrier formed by the surfactants is eliminated. (*Published results.*)

Agri-food

- > Many possibilities: dairy products, emulsified sauces, clean label, etc.

Aromatic

- > Reduction in stabilizing systems (E414-E445)
- > Possible creation of transparent emulsions
- > Improved flavor release

Essential oils Aromatherapy

- > Water-miscible essential oils
- > Maintains the essential oils bacteriostatic activity, even when emulsified

Human health

- > Improved bioavailability of active ingredients

Phytosanitation

- > Improved effectiveness of plant protection products
- > Allows dose reduction of active ingredients per hectare



And a whole world of other possibilities!

We're actively seeking partners to explore and build together !

