

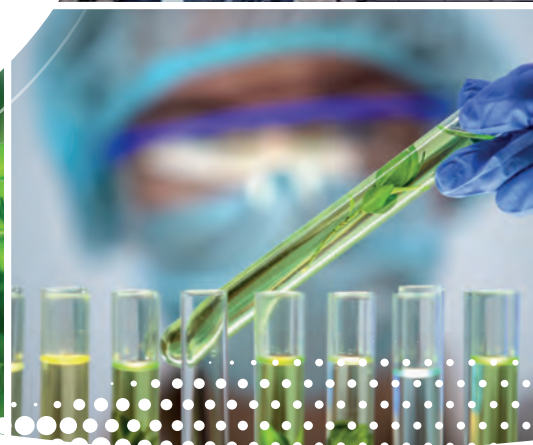
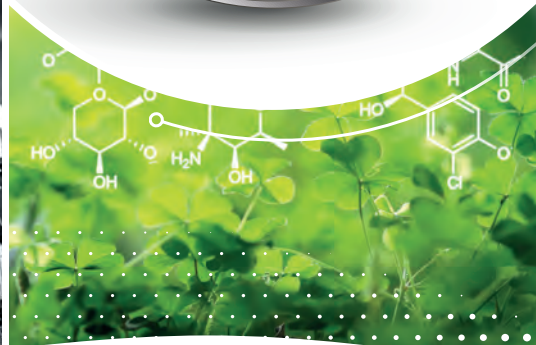
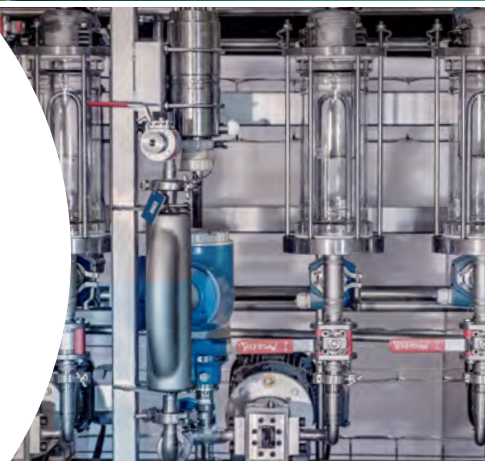
WiNatLab[®] by  **TOURNAIRE**
Produces the best, protects the most

Support the **deployment performance of your innovations**
towards a **reliable** and **efficient industrial solution** that suits your needs.

Boost **your innovation**



PERFUMES • COSMETICS
NUTRACEUTICALS • FLAVOURS
FUNCTIONAL INGREDIENTS
BIOCONTROL • PHARMACY





A collaborative platform to **boost your innovation**
by **strengthening one or more links** in your value chain.

Founded in 1833, Tournaire was among the first distillers of perfume plants established in Grasse. Originally a coppersmith, then a manufacturer of stills, modern extractors and copper then aluminium containers, Tournaire has continually acquired new expertise with the evolution of the perfume industry, and to meet the specific needs of its customers.

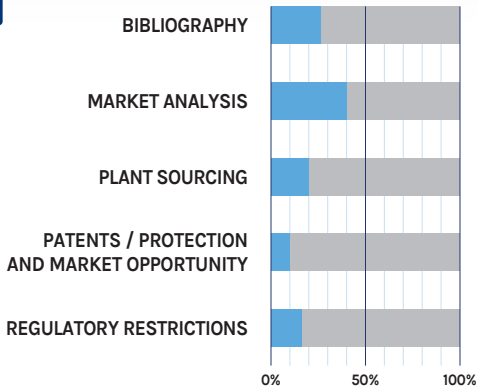


The ambition of the **WiNatLab[®]** is to form a strong value chain that brings together our customers and the main players in the profession, **based on innovative natural extraction processes**.

WiNatLab[®]
value chain



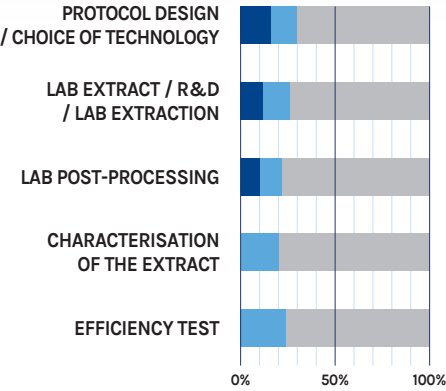
PHASE 1:
PRELIMINARY VALIDATION



Tailored support
in two areas:

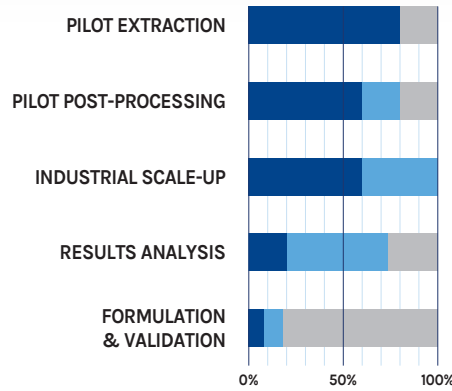
- Products position and market development strategy.
- A large database and unique technology for the analytical control of natural products and their use.

PHASE 2:
R&D



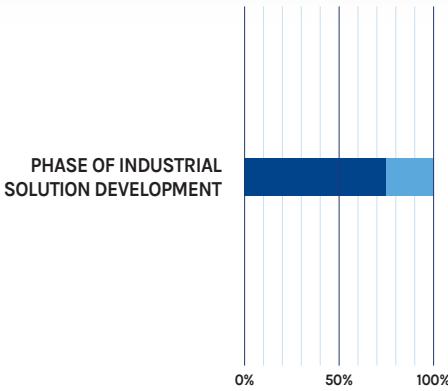
Laboratory tests are carried out to determine the **best extraction technology** to obtain an extract suitable for the intended purpose.

PHASE 3:
PILOT HALL

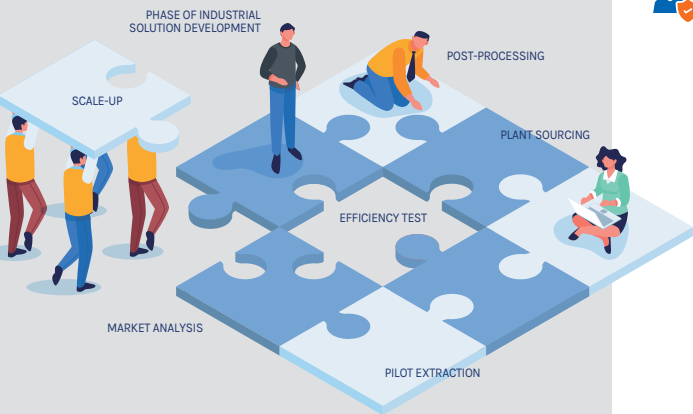


Pilot tests allow **a successful industrial scale-up** while providing performance guarantees.

PHASE 4:
INDUSTRIALISATION



Gateway to Tournaire Equipement engineering to support your project and continue to boost its implementation.



Now the leading partner in the processing of high added-value plant materials, Tournaire Equipement supports its customers in the deployment and optimisation of their innovation with a unique and innovative service.

Led by a network of expert partners, the collaborative platform **WiNatLab[®]** brings together, in one place and through a single contact, innovative and proven technologies, combined with a range of à la carte services covering the entire innovation value chain.

WiNatLab[®] is different from existing testing platforms owing to its comprehensive offer that eliminates obstacles at every stage from ingredient development to manufacture, with a marked focus on optimising time to market.

By supporting innovation deployment performance, **WiNatLab[®]** is a springboard towards a reliable and efficient industrial solution tailored to your needs.

Pilote Hall



STEAM DISTILLATION



SOLVENT EXTRACTION



SUBCRITICAL WATER EXTRACTION



EVAPORATION



MICROWAVE & ULTRASOUND EXTRACTION



SUPERCritical CO₂ EXTRACTION



RECTIFICATION / FRACTIONATION



MOLECULAR DISTILLATION



CUSTOM TESTS



EXPERTISE PARTNERS



PROCESS PARTNER



TECHNOLOGY PARTNERS





How can **WiNatLab[®]** speed up your innovation? *

“ There is a modern aspect to share, to collaborate in order to stand out, and boost innovation. ”

Technical director - SME in Grasse

“ A single service provider with full support on a wide range of technology is important. ”

R&D Director - US Group

“ Having several technologies grouped together with the same service provider is a positive point. ”

What is interesting about a full support package is being able to take individual blocks depending on the project.

The service provider must also be able to serve as a back-up when we cannot manage all our projects internally. It is a way to challenge our own teams. ”

R&D Director - Major cosmetics brand

“ Purchasing teams do not have time to take care of sourcing plants for R&D projects. It is a real plus when it is offered by the provider. ”

A single point of entry makes it possible to better manage confidentiality and anonymity and avoids the proliferation of secrecy agreements. ”

R&D Director - US F&F Leader

“ Identifying a party who will manage the project from the lab to the manufacture avoids having to change service provider with all the problems that this can cause. ”

R&D Director - European cosmetics leader

“ Doing R&D without thinking about the manufacture often leads to failure. ”

Innovation Director - Swiss leader in specialties

“ Analytical characterisation is a major component of services related to the technological offer, to demonstrate its effectiveness. ”

Technological innovation consultant

“ A good service provider must know how to take into account the real needs of manufacturers, such as, for example, going quickly to the finished product. ”

R&D Manager - World leader in ingredients

Contact us to customise your **WiNatLab[®]** project

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* Customer interviews conducted for a study on the positioning of **WiNatLab[®]** within the market offer.