

2023, A MUCH-AWAITED NEW SERVICE BY CAPSULAE: OPENING OF AN ANALYSIS AND CHARACTERIZATION PLATFORM



CAPSULAE, Research & Innovation center of INNOV'IA in La Rochelle, now offers its partner customers a high-performance and complete set of analytical and characterization tools.

These services are carried out independently, or as part of contract research and prototype development services.

A strong argument for industry professionals who call on Capsulae researchers: the design of their innovative solutions and the resolution of their ingredient formulation issues now follow a 100% integrated development process.

This additional service offers Capsulae and Innov'ia customers an optimized approach to meet cost and deadlines of their projects.

Services offered :

- Particle size analysis: powder, suspension, emulsion (micrometric to nanometric) by laser diffraction
- Morphological analysis: optical, electron(ESEM), interferometric (surface state) microscopy
- Physical characterization of powders: Residual humidity, aw, bulk/packed density, absolute density, flowability
- Characterization of liquids: rheology, pH, conductimetry, osmolality, zeta potential
- Chemical/thermal characterization of powders: FTIR, DSC, DVS, melting point
- Stability tests, release kinetics: HPLC-DAD, UV-Visible spectrophotometer, oil oxidation test, kinetic tests in a simulated in-vitro environment, stability tests in oven with controlled humidity

ABOUT CAPSULAE

Research and Innovation Center in the field of formulation, specialized in microencapsulation, CAPSULAE designs and develops, with its partner clients in the industrial world, tailor-made solutions facilitating the implementation and optimizing the performance of functional ingredients and active substance.

ABOUT INNOV'IA

INNOV'IA is the European leader in the development and multi-technology manufacturing of functional ingredients, mainly for the food industry. The numerous technologies offered by Innov'ia and its subsidiaries CAPSULAE, INODRY and INNOCAPS include spray drying, granulation, microencapsulation, coating, and prilling.