

IDIFARMA is an independent, privately-owned pharmaceutical CDMO based in Spain and specializing in highly potent drugs.

With an experienced staff of 120+ FTE and over 100 international clients, IDIFARMA provides a full range of services covering most of the lifecycle of any pharmaceutical product **from first pre-formulation trials to commercial manufacturing**: drug formulation, development and validation of analytical methods, quality control and batch release in the EU, stability studies, regulatory affairs, GMP contract manufacturing and packaging for clinical and commercial use.

Its state-of-the-art facility features a purpose-built **high containment plant for GMP manufacturing of oral solid dosage forms**, for both highly potent and non-potent drugs, including specialized **GMP Spray Drying** capabilities for intermediates.

IDIFARMA's expertise, capabilities and proven track record make us the perfect partner for the development of your projects.



IDIFARMA

PHARMACEUTICAL RESEARCH, DEVELOPMENT AND INNOVATION

Polígono Mocholí, C/ Noáin, nº 1
31110 Noáin (Navarra) Spain
Phone: +34 948 21 40 23
Fax: +34 948 31 23 59
info@idifarma.com
www.idifarma.com



INNOVATIVESME

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GMP Spray Drying

High Potency Capabilities
Enhanced Bioavailability
Development, Clinical and Commercial Scale



The innovative applications of Spray Drying technology offer a unique solution to some of the formulation challenges posed to the modern pharmaceutical industry, providing **enhanced solubility, stability and bioavailability**.



Pharmaceutical applications

- Modification of particle size and morphology
- Agglomeration of nanoparticles
- Drying suspensions
- Particle coating
- Immobilization of liquids and solid materials in a matrix
- Manufacturing of microcapsules and microparticles
- Molecule stabilization
- Amorphous compound isolation
- Solid dispersions
- Stability enhancement for peptides, proteins and antibodies
- Inhalation delivery of fine particles
- Controlled release
- Taste masking

Development and GMP manufacturing of intermediate drug products



Buchi Mini B-290

- Aqueous and organic solvent formulations
- Full closed circuit
- Minimum sample volume: 30 ml
- Drying chamber diameter: 150 mm



GEA Niro Mobile Minor

- Aqueous and organic solvent formulations
- Inert loop system
- Minimum sample volume: 100 ml
- Drying chamber diameter: 800 mm
- Control system designed for programming and monitoring all critical process parameters
- Log file storage with measured process values, alarms and audit trail