

ORAL DOSAGE FORMS DEVELOPMENT

We offer full development at all stages for a variety of oral dosage forms, including Tablets and Powder Filled Capsules.

We also promote the development of Liquid Filled Hard Gelatine Capsules as a suitable and competitive oral dosage form for special compounds (low solubility, high potency) allowing a Hard Gelatine Capsule to be filled with oily solutions or micro-suspension.

Tabletting studies are performed on a SC3 single station tablet press. Powder may be processed by dry granulation through Roller Compactor (Vector TFC Lab Micro) or wet granulation (Procept High Shear Mixer and Conventional Fluid Bed Drying).

In addition the lab can provide Coating Studies in our Procept 4M8 range Perforated drum coater for processing up to 500g.

Supporting the different steps of development we provide full In Process characterization by using an extensive range of Sotax instruments for the control of powder flowability, density and Particle Size Distribution and for Tablet hardness, friability, disintegration and dissolution.