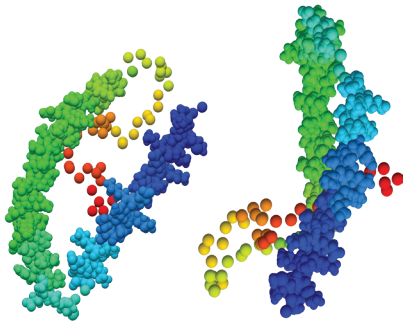
Biologics

SAXS for biopolymers in solution

- Monitoring properties of therapeutic proteins during development and manufacturing
- Studying particle size, shape and envelope structure
- Accessing conformation and aggregation pathways



Drug delivery

SAXS for monomers and vesicles in solution

- Studying topology, shape and particles interaction
- Studying carrier binding with API

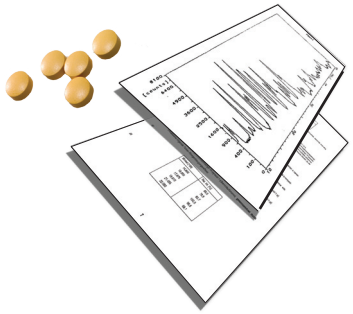
SAXS for solids and powders

- Probing inner surface, particle size and pore size distributions

Patents

Relevant to crystalline and amorphous forms

- Assistance for patent drafting
- XRPD-SAXS properties for new patent
- Crystallographic and meso-scale properties for new patent
- Prior art, clearance and invalidation research
- Crystallographic and image data analysis



We offer

- Confidentiality
- Turnaround time down to 24h
- 7/24 support

GMP compliant

DANNALAB

DANNALAB

Advanced X-Ray characterisation
of pharmaceutical substances

Summary

DANNALAB offers advanced characterisation of pharmaceuticals based on X-Ray Powder Diffraction (XRPD) and Small Angle X-Ray Scattering (SAXS)

The information delivered by these methods could be the key to success of your product.

We focus on the characterisation of pharmaceutical substances, including:

- Active and intermediates
- Finished dosage forms
- Drug delivery systems
- Biologics

Quality

- Our test facility, procedures and methods are compliant to GMP. Compliance status is monitored by national authorities

- DANNALAB is a validated supplier of Joint Research Center of European Commission

Drug substance and drug product

XRPD for active and intermediates

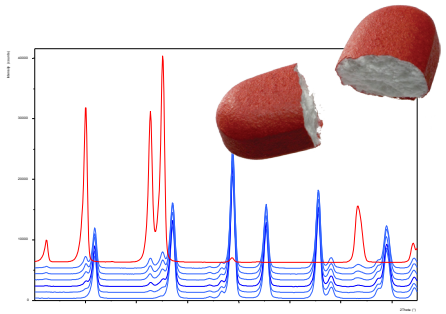
- Characterisation of API and excipients
- Polymorphs screening
- Quantification of crystalline and amorphous content
- Compatibility studies

XRPD for finished dosage forms

- Quantification of polymorphs in the dosage form
- Studying the Influence of processing
- Monitoring production batch uniformity
- Stability studies

Methodology

- Development of cGMP quantitative analytical methods



Contact

DANNALAB B.V.
Wethouder Beversstraat 185
7543 BK Enschede
The Netherlands

info@dannalab.com
www.dannalab.com

tel: +31 641434983
fax:+31 534324909