

Drug Product Services

Pharmaron uniquely co-locates both API and drug product development services on integrated sites. Our Product Development team develops and manufactures oral dosage forms to support all stages of clinical development. Services range from extemporaneous solutions/suspensions and fit-for-purpose capsules for early phase studies through to complete bioenhanced formulations and modified release products.

One Stop Shop

Co-located Services

Process Chemistry
API GMP Synthesis
Material Science
Analytical and Stability
Product Development
GMP Product Manufacture
Regulatory Affairs

Simplified Outsourcing

One QMS
One Contract

Benefits to You

Reduced Shipment Costs
Reduced Auditing
Fast Tracked Product Design
Knowledge Continuity
Program Oversight

API Characterisation

- Polymorph screening
- Solubility profiles
- Forced degradation analysis
- Particle engineering
- Solid-state characterization

Pre-formulation

- *In silico* modelling (GastroPlus®, ASAP Prime)
- Precipitation studies (FaSSIF/FeSSIF)
- Developability assessment
- Dynamic dissolution (MicroDISS Profiler™)

Product Development

- Solubility enhancement – micronization, spray drying
- Excipient compatibility
- Oral Solid Dose – capsules, tablets, powder in bottle
- Paediatrics, modified release
- Qbd, DoE
- Analytical method development and validation
- In house stability storage and testing

GMP Manufacturing

- Contained process rooms (OEL >1ug/m3 (OEB4))
- Flexible equipment trains
- All clinical trial needs (Phase I/II/III)
- Packaging & labelling
- QP Certification (UK & EU)