



## CONTRACT MANUFACTURING



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# PENN PHARMACEUTICAL SERVICES

WITH YOU EVERY STEP OF THE WAY

CMC CONSULTANCY  
FORMULATION DEVELOPMENT  
ANALYTICAL DEVELOPMENT  
CLINICAL TRIAL SUPPLY  
**CONTRACT MANUFACTURING**  
QP RELEASE SERVICES



With over 25 years of experience in Contract Manufacturing, Penn can deliver all your requirements. To complement our Formulation Development Service, we offer efficient and high quality cGMP manufacturing of a wide range of pharmaceuticals. Whether you need clinical, launch or

commercial scale, Penn has an effective solution. We provide validation and scale up of manufacturing processes and our vast experience enables us to offer bespoke packing and distribution services.



# CONTRACT MANUFACTURE

## PEOPLE

Complementing the Formulation Development group our Technical Specialists use their pharmaceutical experience to provide you with a manufacturing solution that is cost effective and fully compliant with current regulatory standards. Recent investment in key staff has ensured that the experience within the manufacturing group is second to none.

## CORE SERVICES

Working to both US and European standards and conforming to cGMP and other relevant regulatory standards we offer you an extensive Contract Manufacturing service which includes:

- *Manufacturing of a wide range of dosage forms*
- *Packing into a variety of pack type configurations*
- *Manufacturing specialist, difficult and small volume products*
- *Providing solvent granulation and coating*
- *Undertaking 'one pot' processing of tablets*
- *Manufacturing in fully qualified and classified areas (Class 100,000)*
- *Low humidity (<25%RH) suites for effervescent and moisture sensitive materials*
- *MHRA and FDA approved regulatory standards*
- *Qualified Person release*

## ACHIEVEMENTS

Penn has not only complied with regulatory standards for manufacturing for 25 years but has recently achieved approved status for the assembly and packing of Medical Devices.

Penn has also proven that it is possible to perform a complete CMC service at one contractor by successfully developing from first principles, products that are now launched in many markets worldwide.

## QUALITY

Penn has an excellent cGMP inspection record with MHRA and FDA and is authorised for both drug materials and medical devices.

Penn also has a mature and stable Quality Management System which is tested by more than 50 customer audits each year in addition to FDA and MHRA scrutiny. Holding all relevant MHRA licenses, Penn is ideally equipped to provide compliant services in Formulation Development, Clinical Trial Supply, Contract Manufacture and Analytical Development. In addition Penn's large and experienced QP team provides a diverse knowledge and experience of a complete range of pharmaceutical dosage forms; providing guidance to customers on everything from API to Sterile injectables.

Penn has an effective and recognised environmental management programme ensuring that environmentally conscious customers are assured of a thoughtful and sensitive solution.

## THE COMPLETE SERVICE

At Penn Pharmaceuticals we can offer you unique solutions that differentiates us from our competitors. If you would like to add further value to your business, choose another of our services:

- CMC CONSULTANCY
- FORMULATION DEVELOPMENT
- ANALYTICAL DEVELOPMENT
- CLINICAL TRIAL SUPPLY
- QP RELEASE SERVICES

## YOUR NEXT STEP

No matter how large or small your needs, call **+44 (0) 1495 713 607**, email [enquiries@pennpharm.co.uk](mailto:enquiries@pennpharm.co.uk) or visit [www.pennpharm.co.uk](http://www.pennpharm.co.uk) today to discuss your exact requirements.

**PENN – WITH YOU EVERY STEP OF THE WAY**