Pharmaceutical Products and Services

Johnson Matthey
Inpiring science, enhancing life
Johnson Matthey (JM) combines specialist expertise and a 200-year heritage, to deliver a collaborative service offering focused on strengthening your products to ensure they get to market more efficiently. Built around our core offerings of Custom Pharma Solutions, Controlled Substances, APIs & Life Cycle Management and Catalysts, using our complex chemistries, we’re ensuring that your goals aren’t just met, but surpassed.
JM provides complex chemistry solutions to the pharma market to create a healthier world. We have vast industry experience, access to specialist technologies and capabilities, and a 200-year heritage. It is because of this that our customers trust us to provide them with expert solutions, optimising their chemical processes and ultimately accelerating their innovation.

Our portfolio of differentiating technologies enables us to provide a broad range of specialised services for developing customers’ complex and niche molecules. With our unique chiral, catalyst, separations and solid form technologies we can deliver the expertise our customers need for successful product development. We are able to offer the full spectrum of drug development services, from discovery through to commercial manufacture and product life cycle management. To deliver these world-leading services for our customers, we continuously aim towards sustainable processing as part of our 2025 sustainability goals. The responsible management of valuable materials and use of smart, efficient technologies position us firmly as industry leaders.
Our four core offerings

Custom Pharma Solutions
Our Custom Pharma Solutions offering provides a full range of bespoke drug development, scale-up and manufacturing services, through pre-clinical and toxicological studies, to development and commercial manufacturing. Our expert teams can solve the most challenging chemistry and scale-up problems, bringing a unique blend of deep R&D knowledge and specialist capabilities, combined with large-scale global capabilities, to accelerate your innovation.

Controlled Substances
Our products are extensively used in therapeutic classes including analgesia, CNS disorders and anti-addiction treatments. We are leaders in the supply of opiates, amphetamines and other classes of controlled substances. Our facilities operate to the highest levels of quality and compliance and overall we provide our customers with assured security of supply for all their controlled substance requirements.
**APIs & Life Cycle Management**

Johnson Matthey provides an extensive range of generic APIs, and our products cover a wide range of therapeutic classes such as anti-cancer, anti-rheumatic, addiction, psychiatric disorders and ophthalmic indications. Using our complex chemistry expertise and unique technologies, we are continually looking to expand and increase our API portfolio through collaborative working – a core principle of JM.

**Catalysts**

Our unmatched Catalysts offering includes a broad portfolio of heterogeneous and homogeneous catalysts, chiral catalysts, and a range of biocatalysts that can be applied for developing smarter ways to accelerate reactions and optimise your processes. Our advanced catalysts help to make your chemistry more efficient, selective and sustainable, as well as reducing cost, process steps and waste.
Custom Pharma Solutions

We draw on decades of experience across JM to deliver a unique combination of deep R&D knowledge and specialist expertise with large-scale global capabilities, accelerating your innovation.
The world's ageing population reflects centuries of scientific and medical advances, but also brings a host of complex challenges for drug developers. Through our Custom Pharma Solutions offering, we can solve your most challenging chemistry and scale-up problems. Working with pharma innovators, we are constantly striving to expand our capabilities to enable us to offer life-changing complex chemistry solutions. We are proud to offer this leading service through our exceptional facilities spanning Europe, North America and Asia.

We offer complete custom services, from pre-clinical to commercialisation, and our strong track record, technology and service are what successfully set us apart from our competitors. We are focused on understanding your problems to provide the best possible development and manufacturing solutions.
Controlled Substances

Through our global facilities and GMP-compliant bulk production plants, together with our understanding of the broad regulatory requirements, we have the expertise to ensure the reliable supply of controlled substance APIs.
We have spent 200 years building an extensive range of opiates and controlled substances. We provide reliable access through our global capacity to these scheduled products and materials; this ensures security of supply.

Our heritage includes Macfarlan Smith Ltd, based in Edinburgh, UK, the world’s leading manufacturer of opiate alkaloids, and our US-based facilities in West Deptford, NJ, and Conshohocken, PA.

Additionally we specialise in other areas such as cannabinoids and synthetic stimulants, and we have deep expertise in handling complex APIs and potent products. Our extensive experience in handling controlled substances gives us significant understanding of the critical issues surrounding these areas, as well as an excellent relationship with the relevant governing agencies such as the US Drug Enforcement Agency.
Successful partnerships depend on collaborative working – a core principle of JM. With our broad technologies, extensive API portfolio and network of compliant facilities, we can solve your most complex chemistry problems while helping to reduce your risks.
Working together we can create successful new generics partnerships. Combining innovative business models with collaborative process development helps to strengthen our customers’ products, while reducing your risk. Our APIs & Life Cycle management offering is supported by our network of development and commercial manufacturing facilities in Europe, North America and Asia, to meet your global product requirements.

We offer an extensive range of generic APIs and invaluable expertise for developing many more. Risk reduction is ensured through partnering with us and our smart technologies and complex chemistries can help to strengthen IP to ensure a competitive position in the market.
Catalysts

We have a broad portfolio of heterogeneous and homogeneous catalysts, chiral catalysts, biocatalysts and more. Our expert technical teams will deliver the solutions you need for more efficient and sustainable chemistry with rapid results.
Our unbeaten selection of high-performing catalysts enables customers to create faster and more sustainable chemistry processes. We provide world-leading catalytic technologies to the pharmaceutical and biotech industries. These optimised solutions enable our customers to gain a competitive edge, through increased efficiency, minimising waste and reducing cycle times, delivering economically advantaged processes.

We offer highly regarded expertise that’s proven in delivering innovative technologies and the most cost-effective solutions. Through our know-how and unique breadth of capabilities, we produce high-quality catalysts that can be applied in smarter ways to accelerate reactions and increase speed to market.
Global supply

Our network of state-of-the-art pharmaceutical R&D, kilo lab, pilot scale and large-scale manufacturing production facilities spans Europe, North America and Asia. Our European sites include a broad range of specialist R&D capabilities in Cambridge UK, with large-scale manufacturing in Edinburgh and Annan, UK. In the US, our extensive R&D capabilities are located in Devens, Massachusetts, with manufacturing plants in West Deptford, New Jersey, Conshohocken, Pennsylvania, Devens, Massachusetts, and North Andover, Massachusetts. Yantai in China provides non-GMP starting materials.

Our global catalyst facilities include development and screening capabilities in Cambridge, UK, with European manufacturing based in Royton, UK. US manufacturing is based in West Deptford, New Jersey, with Taloja, India and Shanghai, China being the centres for catalyst manufacture in Asia.

Technologies & Capabilities

- Complex Chemistry Solutions
- Catalysis and Chiral Technology
- Solid Form Sciences
- Drug Conjugates and Linkers
- Chromatography
- High Containment
- Large Scale Cryogenics
<table>
<thead>
<tr>
<th>Global Facilities</th>
<th>Custom Pharma Solutions</th>
<th>Controlled Substances</th>
<th>APIs &amp; Life Cycle Management</th>
<th>Catalysts</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 North Andover</td>
<td>USA</td>
<td>*</td>
<td>*</td>
<td>*</td>
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<tr>
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<td>CHINA</td>
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