



Life science



APL in brief

For more than 30 years, APL has developed and manufactured special pharmaceuticals and other pharmaceuticals to companies within Life science as well as for the Swedish healthcare and pharmacies.

- APL is a leading Scandinavian contract manufacturer in Life science with resources for development, manufacturing and analysis of pharmaceuticals.
 - Offers aseptic/sterile and non-sterile manufacturing of pharmaceuticals and development services that covers the entire product development value chain.
 - One of Europe's largest manufacturers of extemporaneous pharmaceuticals.
 - Operates four modern production facilities for development and manufacturing of pharmaceuticals.
 - 550 employees and an annual turnover of about 150 M€.
 - APL stands for Apotek Produktion & Laboratorier AB and is owned by the Swedish government.
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APL is a leading Scandinavian contract manufacturer in the Life science sector with resources for development, manufacturing and analysis of pharmaceuticals. We are also one of the largest manufacturers of extemporaneous pharmaceuticals in Europe. Our services are offered to biotech and pharmaceutical companies, Swedish healthcare and pharmacies. APL has more than 30 years experience in pharmaceutical development and manufacturing, 550 employees and an annual turnover of about 150 M€.

APL offers its expertise and services throughout the value chain of product development. As a competent and proactive partner, we support our clients throughout the product development value chain – from preclinical development to commercial manufacturing of finished products. We have the experience, knowledge and resources to guide and assist our clients – established companies as well as start-ups, whether new formulations shall be developed or pharmaceuticals manufactured.

Personalised medicines for unique needs

Common for APL's business areas is that they contribute to pharmaceuticals that improve and save lives. APL's mission is to manufacture personalised medicines tailored to patients with a specific need, e.g. formulation for children or for persons with various types of hypersensitivity. APL manufactures individual extemporaneous preparations and performs contract manufacturing of orphan drugs to fulfill the demand of patients with special needs.

APL has four production facilities in Sweden and units for extemporaneous preparations at hospitals.

APL offers products and services within two business areas:

Life science

- Contract manufacturing
- Development and manufacturing of clinical trial material (CTM)
- Analytical services

Healthcare & Pharmacies

- Extemporaneous pharmaceuticals
- Cytotoxic preparations
- Preparation of pharmaceuticals for clinical trials
- Development and manufacturing of OTC and branded products
- APL branded products



Business area
Life science

”Every day
we develop
unique medicines
which improve
and save lives.

We are proud of that.”

An offer that brings new business opportunities

APL offers expertise and services throughout the pharmaceutical product development value chain – from development of analytical methods, formulation development and manufacturing of clinical materials to contract manufacturing of commercial products.

With 550 FTEs, four modern production facilities in Sweden and over 30 manufacturing lines we have the capacity and flexibility to meet your demands in development and manufacturing of pharmaceuticals.

APL supports a wide range of clients, from large global pharmaceutical companies to small enterprises.

We offer a broad range of experience and flexible resources which can be tailor made to suit your needs. Together we mitigate the risk in development and manufacturing of life saving pharmaceuticals.



A contract manufacturer to trust

With over 30 years experience of GMP manufacturing of pharmaceuticals, both small molecules and proteins, APL is able to support most customers. Therefore, both large and small companies come to work with APL for contract manufacturing of products in many different dosage forms. Many of our clients are involved in the development and manufacturing of orphan drugs for rare diseases.

APL's flexibility and commitment are part of our strengths besides cost efficient manufacturing. With our four manufacturing sites with modern equipment we are able to support our clients with contract manufacturing.

Our contract manufacturing includes commonly used dosage forms, for example:

- pre-filled syringes
- injection vials
- ampoules
- semi-solids
- oral and topical liquids
- capsules

APL is licensed to manufacture pharmaceuticals and offers also medical device manufacturing.

Orphan drugs

Since 2002, APL has been a global supplier of pharmaceuticals for a rare genetic disease and APL has extensive expertise in the development and manufacturing of orphan drugs. APL is involved in several development projects, some in late clinical stage, together with companies engaged in development of medicines for treatment of rare diseases and many of which will have orphan drug status.



Custom-made development and manufacturing of clinical trial material (CTM)

Whether you are a global big-pharma or a small biotech, APL understands your needs and have the competence and experience to meet your expectations. APL can develop your process and analytical method needed for the CTM as well as manufacture the product and placebos for clinical trials.

We also assist our clients in all activities related to preparing CTM, such as planning, randomizing, coding, packaging and labeling. Our highly qualified sci-

entists include formulation development experts and analytical chemists with highly specialized skills. APL provides a project manager who makes sure that the development work is performed in close collaboration and with the special needs in focus.

With an increased focus on personalised medicines and preventive therapies APL also collaborates with innovative companies that develop new dosage forms and formulations for controlled release. By providing new dosage forms and formulations APL brings added value to the product and convenience to the patient.

Analytical services – APL knows what to do and to look for

APL's services include high competence, long experience and extensive resources for a broad range of chemical and microbiological analyses. We have broad experience of working with different analytical services and our operations comprise both specially adapted premises and staff with cutting edge competence in chemistry and microbiology.

The analytical services are also offered as a stand alone service.



Pre-filled syringes – a dosage form with increased customer demand

APL has invested in a manufacturing line for aseptic filling in pre-filled syringes. APL can fill both biopharmaceuticals and pharmaceuticals in a large variety of syringes. The manufacturing line is designed for manufacturing of clinical trial materials and commercial manufacturing in small batch sizes.



Business area Life science

With over 30 years experience of development and manufacturing of pharmaceuticals, both small molecules and proteins, APL supports pharmaceutical and biotech companies with a number of development and manufacturing services:

Contract manufacturing services

Process development

- Scale up
- Tech transfer

Batch manufacturing

- GMP manufacturing
- Packaging and labeling
- In process controls and QC assays
- QA/QP release

Development and manufacturing of clinical trials material (CTM)

Formulation development

- Preformulation/Formulation
- Dosage form design
- Analytical method development

Process development

- Scale up
- Tech transfer

Clinical manufacturing

- GMP manufacturing
- Packaging and labeling
- Randomization and code envelopes
- In process controls and QC assays
- QA/QP release
- CMC Documentation

Analytical services

- Chemical analysis
- Microbiological analysis
- Analytical method development
- Validation
- Stability studies



APL is a leading Scandinavian contract manufacturer within the Life science sector with resources for development, manufacturing and analysis of pharmaceuticals. APL is also one of Europe's largest manufacturers of extemporaneous pharmaceuticals. APL has an annual turnover of about 150 M€ and 550 employees at four production facilities in Sweden and also at preparation units at hospitals. Please read more at www.apl.se.