

Support Services

EMCM is a Contract Manufacturing Organisation (CMO), offering a range of end-to-end services from (raw) materials to finished products, such as:

- Purchasing
- Formulation of liquids, suspensions, gels, and powders
- Filling of ampoules, syringes, vials, bottles, and pouches
- Final packaging
- Warehousing

As a full service CMO, EMCM also offers customised solutions:

- Supplier audits
- Laboratory selection
- Analytical method validations
- Final sterilisation
- All forms of stability testing
- Quality control coordination and testing on incoming and finished products as per regulations



quick turnaround time
cost efficiencies
traceability
understanding customer requirements
developing complete solutions

Packaging, Warehousing & Logistics

EMCM's services go beyond simply producing and packaging your products. For storage of the raw materials and your final products we make use of our own modern temperature controlled warehouse with well trained staff (IATA certified). The staff is experienced in arranging (dangerous) goods transports all over the world with all means of transport.

Sterilisation Services

In addition to aseptic production processes, EMCM provides a full range of finished product sterilisation services.

➤ Steam sterilisation

A series of steam sterilisers, to include a steam-air steriliser (low and high volume autoclaves), are available at EMCM for the sterilisation of closed containers, filled syringes and the final heat treatment of your products.

➤ Sterilisation by gamma-irradiation, electron beam-irradiation(e-beam), ethylene-oxide

EMCM offers sterilisation services for all products where steam sterilisation is not an option. Years of experience with reliable partners for the sterilisation of products through gamma-irradiation, e-beam irradiation and ethylene-oxide.

➤ Supercritical carbon dioxide (scCO₂) (under development)

Supercritical carbon dioxide (scCO₂) has excellent sterilisation properties. Terminal sterilisation is often seen as a hurdle in product development for products like hydrogels and products which are temperature sensitive or 'fragile' for harsh circumstances. Sterilisation with scCO₂ operates at a temperature of approximately 35 °C and is therefore an excellent alternative for sterilisation of temperature sensitive compounds.

Freeze-drying

EMCM freeze-drying services are suitable for a wide variety of (pharmaceutical) products. Our fully GMP-qualified lyophiliser has a fully automated CIP program, a condenser capacity of 40 kg, and can be configured in 2,3 or 9 shelves.

Let's discuss how we can support your opportunity!



The formulation of liquids, suspensions and gels can be executed in a variety of ISO classified cleanrooms divided over class 8 up to class 5 (100.000 up to class 100) with a total surface of 1500 m².

