

Further information about our portfolio

Range	Skills	Service	Special features
Production	Terminally sterilized	B: Batch sizes from 1.5L to 200L Pa: COP vials, bottles & infusion bags, rinsing solution bottles Pr: Autoclaving & visual inspection (incl. AQL) D: Solutions & suspensions	Packaging materials can be customized (validation may be necessary). Batch size can be increased to 400 liters. (Co-investment) Development of dedicated production possible. (co-investment)
	Aseptic	B: Batch sizes from 1L to 25L (max. 750 pcs/batch) Pa: According to customer requirements (vials, bags...) Pr: Compounder OEB 1-4, continuous & manual D: Solutions & suspensions	Packaging materials can be customized.
	Non-sterile	B: Batch sizes from 1L to 80L Pa: Capsules, Tubes, Tins, Vials, Bottles, Sachet Pr: Manual and automated D: Liquid (L&S), solid, semi-solid	Packaging materials can be customized. Development of dedicated production.
	Patient-specific preparation & reconstitution (sterile and non-sterile)	B: Batch sizes from 1ml to 1L Pa: According to customer requirements Pr: Manual & automated D: Liquid (D&S) & Solid	Production & reconstitution of parenteral & patient-specific therapies in cleanroom classes A in B, OEB 1-4, BSC2, cytostatics, ATMP Very short lead times
CTSU	Support	Full service in the area of clinical trial supply: Manufacturing, blinding, procurement and consulting	Advice on galenic development, support in filing IMPD and CTD Pharmaceutical services for the implementation of clinical trials at the USZ
Galenic development	Contract development	Galenic development of pharmaceutical products in the sterile and non-sterile areas	Wide range of pharmaceutical raw materials available.
Analytics	Chemical & Physical	Development, validation and contract analysis of pharmaceutical products	HPLC, IC, UV/VIS, IR, RAMAN, Osmo, density, refractive index, polarimetry, titration, AAS, non-visible particles, wet chemical analysis, stability studies or according to customer requirements
	Microbiological	Development, validation and contract analysis of pharmaceutical products	Sterile tests, endotoxins, bioburden or according to customer requirements
Consulting	Expert advice	Specialist advice in the areas of drug supply, drug production, clinical pharmacy and hospital pharmacy	Broad, long-standing interdisciplinary expertise available.

B = Batch size, **Pa** = Packaging, **Pr** = Process, **D** = Dosage forms

CDMO: Contract Development Manufacturing Organization
CTSU: Clinical Trial Supply Unit