



# CellTrypase Quality Grades

To support the full lifecycle of your biopharmaceutical process, CellTrypase is available in:

- R&D-grade for research, process development, and preclinical use
- GMP-grade for clinical and commercial manufacturing

Both grades are produced using the same proprietary process in *Bacillus* sp., on animal origin-free equipment, and are free from antibiotics, animal-derived materials, and TSE/BSE risks.

	CellTrypase GMP-Grade	CellTrypase R&D-Grade
<b>Intended Use</b>	GMP-compliant manufacturing of biologics	Research, process development, preclinical stages
<b>Quality Standard</b>	EXCiPACT® GMP/GDP for pharmaceutical excipients	ISO 9001:2015
<b>Manufacturing Environment</b>	GMP-compliant production with full supply chain control on animal origin-free equipment.	
<b>Documentation</b>	Full GMP documentation & traceability	Simplified documentation
<b>Origin</b>	Recombinant fungal trypsin-like enzyme ( <i>Fusarium oxysporum</i> )	
<b>Performance</b>	Gentle and efficient cell dissociation, preserving viability & function.	
<b>Compatibility</b>	Compatible with standard cell culture protocols, direct alternative to common cell dissociation enzymes.	
<b>Inactivation Method</b>	No inhibitor required; dilution in buffer or medium is sufficient.	

Despite differences in documentation and compliance, both grades offer identical technical performance and meet the same product specifications, enabling a smooth transition from early R&D to GMP manufacturing.