

GLP-1

One-Step Purification Process

Lower cost, higher efficiency

UST's proprietary GLP-1 One-Step Purification Process is a high-efficiency solution specifically designed for the purification of GLP-1-like peptides. Compared to conventional multi-step methods, this advanced process offers, higher sample loading capacity, lower solvent consumption, significant reduction in production costs, and improved overall process efficiency

Key Advantages



Lower cost with large-particle silica gel



Operates under medium pressure with high loading and large throughput



Shorter purification time, saving labor and operational time



Reduced use of organic solvents, making post-processing easier



Simplify your workflow.
Reduce your costs.
Purify with confidence.

FOR BETTER SEPARATION

GLP-1 One-Step Purification Process

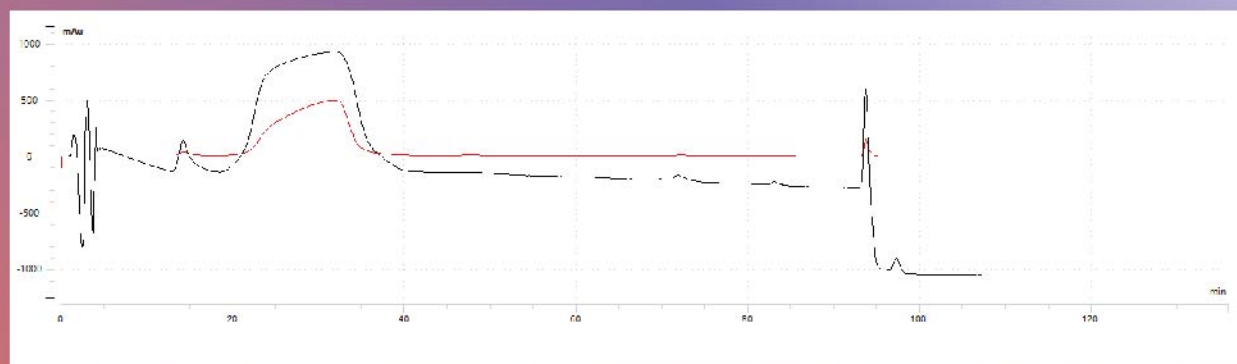
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Purification Case Study: Semaglutide

Process Conditions

Parameter	Details	Parameter	Details
Product	Bonnasil-CH C18 30 μ m, 120Å	Mobile Phase B	ACN
Cat. No.	UCH9302000-2	Bulk Density	0.55 g/mL
Detection Wavelength	215 / 280 nm	Purity	98.59%
Flow Rate	3 mL/min	Yield	85.43%
Mobile Phase A	HAc		



Efficient One-Step Semaglutide Purification – Chromatogram

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