Product Information

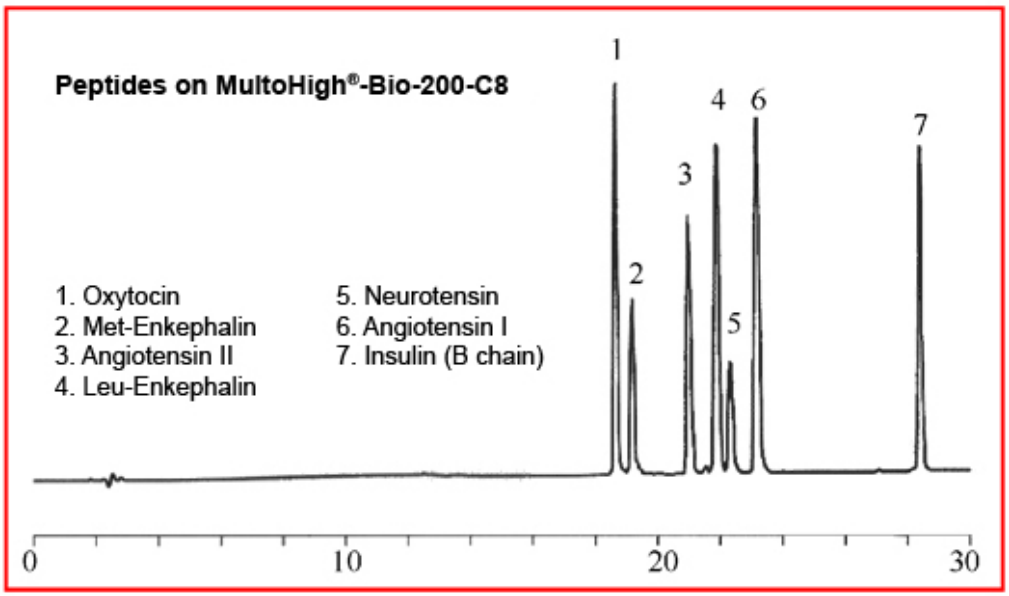
January 2025

MultoHigh-Bio

- LC phases specifically designed for biopharmaceutical applications
- For separation of peptides, polypeptides, and proteins
- Based on ultra-high purity spherical silica
- Very high mechanical stability
- Optimized binding and new endcapping technology for higher pH stability
- Multiple flushing with acidic and alkaline solutions possible
- 200 Å phases are the first choice for polypeptides with medium molecular weight
- 300 Å phases are the first choice for protein separation

Silica Specifications:

	sph./irr.	Pore Ø	Pore Volume	Surface Area	C Content
MultoHigh-Bio-200-C18	sph.	200 Å	1.1 mL/g	200 m^2 /g	15 %
MultoHigh-Bio-200-C8	sph.	200 Å	1.1 mL/g	200 m^2 /g	8 %
MultoHigh-Bio-300-C4	sph.	300 Å	0.9 mL/g	100 m^2 /g	3 %



Column: 150 x 4.6 mm MultoHigh-Bio-200-C8 (P/N 586117615)
Mobile Phase: A = CH_3CN : H_2O : TFA (5:95:0.1)
B = CH_3CN : H_2O : TFA (40:60:0.1)
t_{0min} =100 % A
t_{30min} = 0 % A
Temperature: 30 °C
Flow: 1.0 mL/min
Detector: UV 220 nm

CS - Chromatographie Service GmbH, Am Parir 27, 52379 Langerwehe/Germany
Phone: +49 2423 / 40493-0 · E-Mail: info@cs-chromatographie.de