

Analytical Data Sheet

Lot number	1000043551 not for drug use
Product	Octreotide acetate salt H-D-Phe-Cys-Phe-D-Trp-Lys-Thr-Cys-L-threoninol acetate salt (Disulfide bond)
Product number	4042822.0001
Molecular formula	C ₄₉ H ₆₆ N ₁₀ O ₁₀ S ₂
Relative molecular mass	1019.26

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution at 0.5% in 95% acetic acid
Identification (ESI-MS)	m=1018.4u (monoisotopic mass)
Amino acid analysis	Lys 1.0 (1) Thr 0.9 (1) Cys 2.0 (2) Phe 2.0 (2) Trp 1.0 (1) Thr-ol 1.0 (1)
Solubility	clear solution (60 mg/mL in water)
Purity (HPLC)	≥ 99.5%
Peptide content	89.4% (by CHN)

Latest update: February 16, 2021

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