

Analytical Data Sheet

Lot number	1000040889 not for drug use
Product	Oxytocin acetate salt H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH ₂ acetate salt (Disulfide bond)
Product number	4016373.0005
Molecular formula	C ₄₃ H ₆₆ N ₁₂ O ₁₂ S ₂
Relative molecular mass	1007.20

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (10 mg/mL in water)
Identification (ESI-MS)	m = 1007.2u (average mass)
Purity (HPLC)	98.7% (TFA) 99.0% (NaClO ₄)
Assay (elemental analysis)	87.1% (Nth 16.69%, Nfd 14.54%)

Latest update: November 12, 2020

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