

Analytical Data Sheet

Lot number **1055667**
not for drug use

Catalog number H-2520.0005
Product number 4030890.0005
Product (Ser⁴, Ile⁸) - Oxytocin
H- Cys- Tyr- Ile- Ser- Asn- Cys- Pro- Ile- Gly- NH₂
(Disulfide bond)
Molecular formula C₄₁H₆₃N₁₁O₁₂S₂
Relative molecular mass 966.15

Tests	Results
Appearance	white powder
Amino acid analysis	Asx 1.0 (1) Pro 0.9 (1) Gly 1.0 (1) Ile 1.9 (1) Tyr 0.8 (1) Ser 0.7 (1) Cys 0.5 (2)
Solubility	at least 1 mg/mL in DMSO
Purity (HPLC)	> 98% (reverse phase HPLC)
Peptide content	82%
General comment	Mass analysis: as expected