

Analytical Data Sheet

Lot number **1000031858**
not for drug use

Catalog number n/a
Product number 4144391.2001
Product **(Gly⁵, Thr⁷, Ser⁹) - Oxytocin trifluoroacetate salt**
H- Cys- Tyr- Ile- Gln- Gly- Cys- Thr- Leu- Ser- NH₂
trifluoroacetate salt
(Disulfide bond)
Molecular formula C₄₁H₆₅N₁₁O₁₃S₂
Relative molecular mass 984.15

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	984.46
Amino acid analysis	Thr 1.39 (1) Ile 0.98 (1) Ser 0.99 (1) Leu 1.04 (1) Glx 0.98 (1) Tyr 0.99 (1) Gly 1.01 (1) Cys* 0.21 (2) *Partially destroyed during acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	95.1%
Assay (AAA)	81.3%

Latest update: April 23, 2020

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