

Analytical Data Sheet

Lot number **1000029689**
not for drug use

Catalog number H-6885.0025
Product number 4013824.0025
Product **Oxytocin (free acid)**
H- Cys- Tyr- Ile- Gln- Asn- Cys- Pro- Leu- Gly- OH
(Disulfide bond)
Molecular formula $C_{43}H_{65}N_{11}O_{13}S_2$
Relative molecular mass 1008.19

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in water)
Identification (ESI-MS)	m = 1008.0u (average mass)
Purity (HPLC)	95.1% (TFA) 95.8% (TEAP) 98.3% (NaClO ₄)
Assay (elemental analysis)	81.7% (Nth 15.28 %, Nfd 12.48 %)
General comment	this product supplied as a trifluoroacetate salt

Latest update: March 10, 2020

Analytical Data Sheet
Lot number **1000029689**