

## Analytical Data Sheet

Lot number **1000031857**  
not for drug use

Catalog number n/a  
Product number 4144383.2001  
Product **(Deamino- Cys<sup>1</sup>, Lys<sup>8</sup>) - Oxytocin trifluoroacetate salt**  
3- Mercaptopropionyl- Tyr- Ile- Gln- Asn- Cys- Pro- Lys- Gly- NH<sub>2</sub> trifluoroacetate salt  
(Disulfide bond)  
Molecular formula C<sub>43</sub>H<sub>66</sub>N<sub>12</sub>O<sub>12</sub>S<sub>2</sub>  
Relative molecular mass 1007.19

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1007.23
Amino acid analysis	Asx 0.99 (1) Ile 0.72 (1) Glx 0.85 (1) Tyr 0.85 (1) Pro 1.03 (1) Lys 1.01 (1) Gly 1.01 (1) Cys* 0.05 (1)  *Partially destroyed during acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	95.0%
Assay (AAA)	88.1%

Latest update: April 23, 2020

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