

## Analytical Data Sheet

Lot number **1000017816**  
not for drug use

Catalog number n/a  
Product number **4083914.2001**  
Product **Atosiban (free acid) trifluoroacetate salt**  
3- Mercaptopropionyl- D- Tyr(Et) - Ile- Thr- Asn- Cys-  
Pro- Orn- Gly- OH trifluoroacetate salt  
(Disulfide bond)  
Molecular formula  $C_{43}H_{66}N_{10}O_{13}S_2$   
Relative molecular mass 995.19

Tests	Results
Appearance	white powder, without visible impurities
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 994.6u (monoisotopic mass)
Purity (HPLC)	99.6%
Assay (elemental analysis)	84.2% (Nth 14.07%, Nfd 11.84%)
Water content (KF coulometric)	3.7%
Trifluoroacetic acid content (HPLC)	11.4%
Mass balance	99.2%

Latest update: June 28, 2019

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