

## Analytical Data Sheet

Lot number **1000002235**  
not for drug use

**Catalog number** H-6722.0250  
**Product number** 4065438.0250  
**Product** **Atosiban acetate salt**  
3- Mercaptopropionyl- D- Tyr(Et) - Ile- Thr- Asn- Cys-  
Pro- Orn- Gly- NH<sub>2</sub> acetate salt  
(Disulfide bond)  
**Molecular formula** C<sub>43</sub>H<sub>67</sub>N<sub>11</sub>O<sub>12</sub>S<sub>2</sub>  
**Relative molecular mass** 994.20

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in water)
<b>Identification (ESI-MS)</b>	m = 994.2u (average mass)
<b>Amino acid analysis</b>	Asx 1.0 Ile* 0.8 Gly 1.1 Orn det. Thr 0.9 Cys** det. Pro 1.0 Tyr* 0.5  * Tyr-Ile incomplete hydrolysis **Cys det. as Cys and Cyss derivate
<b>Purity (HPLC)</b>	99.4% (TFA)
<b>Assay (elemental analysis)</b>	90.7% (Nth 15.50%, Nfd 14.06%)
<b>Water content (KF coulometric)</b>	3.4%
<b>Acetic acid content (HPLC)</b>	6.1%
<b>Mass balance</b>	100.2%

Latest update: July 23, 2020

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