

## Analytical Data Sheet

Lot number **1073182**  
not for drug use

**Catalog number** H-2510.0025  
**Product number** 4016373.0025  
**Product** **Oxytocin acetate salt**  
H- Cys- Tyr- Ile- Gln- Asn- Cys- Pro- Leu- Gly- NH<sub>2</sub>  
acetate 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** 1007.20

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in water)
<b>Identification (ESI-MS)</b>	m = 1007.2u (average mass)
<b>Purity (HPLC)</b>	98.7% (TFA) 99.0% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	87.1% (Nth 16.69%, Nfd 14.54%)

Latest update: September 14, 2017

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