

## Analytical Data Sheet

Lot number **1060377**  
not for drug use

**Catalog number** H-7526.0500  
**Product number** 4092130.0500  
**Product** **Orexin A (17- 33) trifluoroacetate salt**  
H- Tyr- Glu- Leu- Leu- His- Gly- Ala- Gly- Asn- His- Ala-  
Ala- Gly- Ile- Leu- Thr- Leu- NH<sub>2</sub> trifluoroacetate salt  
**Molecular formula** C<sub>79</sub>H<sub>125</sub>N<sub>23</sub>O<sub>22</sub>  
**Relative molecular mass** 1749.00

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	1749.34
<b>Amino acid analysis</b>	Asx 1.01 (1) Ile 0.94 (1) Thr 1.00 (1) Leu 3.87 (4) Glx 1.04 (1) Tyr 1.04 (1) Gly 3.02 (3) His 2.04 (2) Ala 3.05 (3)
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	>97%
<b>Assay (AAA)</b>	76.0%
<b>Date of manufacture</b>	March 04, 2015

Latest update: August 25, 2015

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