

# Analytical Data Sheet

Lot number

## 1029577

not for drug use

Catalog Number

H-3704.0500

Product number

4027139.0500

Product

((Cys<sup>31</sup>, Nva<sup>34</sup>) - Neuropeptide Y (27- 36) )<sub>2</sub>  
 (H- Tyr- Ile- Asn- Leu- Cys- Thr- Arg- Nva- Arg- Tyr- NH<sub>2</sub>)<sub>2</sub>  
 (Disulfide bond)

Molecular formula

C<sub>116</sub>H<sub>186</sub>N<sub>36</sub>O<sub>28</sub>S<sub>2</sub>

Relative molecular mass

2597.11

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 2596.8u
Amino acid analysis	Asx 2.0 (2)    Leu 2.0 (2) Arg 4.0 (4)    Thr 2.0 (2) Ile 1.6 (2)    Nva det. (1) Tyr 3.6 (4) Cys 0.9 (1)
Solubility	soluble in water
Purity (HPLC)	97.1% (TEAP) 96.1% (NaClO <sub>4</sub> )
Assay (elemental analysis)	76% (Nth 19.42 %, Nfd 14.67 %)
Latest update: March 08, 2010	<b>Analytical Data Sheet</b> Lot number <b>1029577</b>