

Analytical Data Sheet

Lot number **1073657**
not for drug use

Catalog number **H-6718.0500**

Product number **4066428.0500**

Product **Copeptin (human) trifluoroacetate salt**
H- Ala- Ser- Asp- Arg- Ser- Asn- Ala- Thr- Gln- Leu-
Asp- Gly- Pro- Ala- Gly- Ala- Leu- Leu- Leu- Arg- Leu-
Val- Gln- Leu- Ala- Gly- Ala- Pro- Glu- Pro- Phe- Glu-
Pro- Ala- Gln- Pro- Asp- Ala- Tyr- OH trifluoroacetate
salt

Molecular formula $C_{177}H_{279}N_{49}O_{58}$

Relative molecular mass 4021.46

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 4021.6u
Amino acid analysis	Asx 4.0 (4) Pro 5.1 (5) Leu 5.9 (6) Glx 5.1 (5) Val 1.0 (1) Arg 2.0 (2) Ala 7.7 (8) Phe 1.0 (1) Tyr 1.0 (1) Ser* 1.7 (2) Thr 1.0 (1) Gly 3.0 (3) * partially destroyed during acid analysis
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	> 98%
Assay (AAA)	85.9%

Latest update: October 02, 2017

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