

Analytical Data Sheet

Lot number **1000009543**
not for drug use

Catalog number H-5680.1000
Product number 4030282.1000
Product **Neuropeptide K (human, porcine, rat) trifluoroacetate salt**
H- Asp- Ala- Asp- Ser- Ser- Ile- Glu- Lys- Gln- Val- Ala-
Leu- Leu- Lys- Ala- Leu- Tyr- Gly- His- Gly- Gln- Ile-
Ser- His- Lys- Arg- His- Lys- Thr- Asp- Ser- Phe- Val-
Gly- Leu- Met- NH₂ trifluoroacetate salt
Molecular formula C₁₇₅H₂₈₄N₅₂O₅₂S
Relative molecular mass 3980.57

Tests	Results
Appearance	white lyophilized powder
Identification (ESI-MS)	m = 3980.0u
Amino acid analysis	Ala 3.1 (3) His 3.2 (2) Phe 1.0 (1) Arg 1.1 (1) Ile 1.9 (2) Ser 3.3 (4) Asx 3.0 (3) Leu 4.1 (4) Thr 0.9 (1) Glx 3.2 (3) Lys 4.0 (4) Tyr 1.2 (1) Gly 3.2 (3) Met 1.0 (1) Val 2.1 (2)
Solubility	1 mg/mL in H ₂ O
Purity (HPLC)	95.6%
Peptide content	74.0%

Latest update: November 29, 2018

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