

Analytical Data Sheet

Lot number **1062120**
not for drug use

Catalog number H-3084.0500
Product number 4031213.0500
Product **pTH (7- 84) (human) trifluoroacetate salt**
 H- Leu- Met- His- Asn- Leu- Gly- Lys- His- Leu- Asn- Ser- Met- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys- Leu- Gln- Asp- Val- His- Asn- Phe- Val- Ala- Leu- Gly- Ala- Pro- Leu- Ala- Pro- Arg- Asp- Ala- Gly- Ser- Gln- Arg- Pro- Arg- Lys- Lys- Glu- Asp- Asn- Val- Leu- Val- Glu- Ser- His- Glu- Lys- Ser- Leu- Gly- Glu- Ala- Asp- Lys- Ala- Asp- Val- Asn- Val- Leu- Thr- Lys- Ala- Lys- Ser- Gln- OH trifluoroacetate salt
Molecular formula $C_{381}H_{629}N_{119}O_{115}S_2$
Relative molecular mass 8781.05

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	8781.30
Amino acid analysis	Asx 10.0 (10) Gly 4.08 (4) Phe 0.93 (1) Thr 1.01 (1) Ala 7.31 (7) His 3.75 (4) Ser 4.60 (5) Val 6.51 (7) Lys 8.95 (9) Glx 8.95 (9) Met* 0.79 (2) Trp* 0.08 (1) Pro 3.08 (3) Leu 9.70 (10) Arg 4.92 (5) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.2%
Assay (AAA)	89.8%
Date of manufacture	September 30, 2015

Latest update: October 14, 2015

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