

Analytical Data Sheet

Lot number **1000017637**
not for drug use

Catalog number H-9110.1000
Product number 4015469.1000
Product (Nle^{8,18}, Tyr³⁴) - pTH (1- 34) (human) trifluoroacetate salt
 H- Ser- Val- Ser- Glu- Ile- Gln- Leu- Nle- His- Asn- Leu- Gly- Lys- His- Leu- Asn- Ser- Nle- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys- Leu- Gln- Asp- Val- His- Asn- Tyr- OH trifluoroacetate salt
Molecular formula C₁₈₃H₂₉₅N₅₅O₅₂
Relative molecular mass 4097.69

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4097.39
Amino acid analysis	Asx 4.34 (4) Ile 0.75 (1) Trp 0.93 (1) Ser* 0.05 (3) Leu 4.79 (5) Arg 1.94 (2) Glx 4.90 (5) Tyr 1.13 (1) Nle 1.96 (2) Gly 1.11 (1) His** 2.47 (3) Val** 2.12 (3) Lys 3.04 (3) *Partially destroyed during acid hydrolysis **Valine and histidine values low due to the resistance of the Val-His bond to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	96.6%
Assay (AAA)	89.4%

Latest update: June 19, 2019

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