

Analytical Data Sheet

Lot number

1047667

not for drug use

Catalog Number

N-1110.1000

Product number

4031202.1000

Product

(Tyr³⁴) - pTH (7- 34) amide (bovine) trifluoroacetate salt
 H- Phe- Met- His- Asn- Leu- Gly- Lys- His- Leu- Ser- Ser-
 Met- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys- Leu- Gln-
 Asp- Val- His- Asn- Tyr- NH₂ trifluoroacetate salt

Molecular formula

C₁₅₆H₂₄₄N₄₈O₄₀S₂

Relative molecular mass

3496.08

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 3496.9 u
Amino acid analysis	Asx 3.2 (3) Ser 1.9 (2) Met 1.8 (2) Gly 1.1 (1) Val** 1.8 (2) Phe 0.9 (1) Leu 3.6 (4) Tyr 1.0 (1) Trp* 0.7 (1) His 3.0 (3) Lys 3.1 (3) Arg 2.1 (2) Glx 3.0 (3) * Partially destroyed during acid hydrolysis. ** Valine value low due to the resistance of the Val-His bond to acid hydrolysis.
Solubility	soluble in water
Purity (HPLC)	> 95%
Assay (AAA)	78.8%
Latest update: June 19, 2013	Analytical Data Sheet Lot number 1047667