

Analytical Data Sheet

Lot number

1018918

not for drug use

Catalog Number

H-9110.0500

Product number

4015469.0500

Product

(Nle^{8,18}, Tyr³⁴) – pTH (1–34) (human)

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

Molecular formula

C₁₈₃H₂₉₅N₅₅O₅₂

Relative molecular mass

4097.69

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4097.9u
Amino acid analysis	Asx 4.0 (4) Ser* 2.5 (3) Ile 1.0 (1) Gly 1.1 (1) Val 3.0 (3) His 2.9 (3) Leu 5.0 (5) Tyr 1.0 (1) Arg 2.0 (2) Lys 3.0 (3) Trp* 0.7 (1) Nle Det (2) Glx 5.0 (5)
	* partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	84.3%
General comment	product supplied as trifluoroacetate salt
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1018918