

# Analytical Data Sheet

Lot number

## 1015496

not for drug use

Catalog Number

H-9120.0500

Product number

4016352.0500

Product

(Nle<sup>8,18</sup>, Tyr<sup>34</sup>) – pTH (7– 34) amide (bovine)

H- Phe- Nle- His- Asn- Leu- Gly- Lys- His- Leu- Ser-  
Ser- Nle- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys-  
Leu- Gln- Asp- Val- His- Asn- Tyr- NH<sub>2</sub>

Molecular formula

C<sub>158</sub>H<sub>248</sub>N<sub>48</sub>O<sub>49</sub>

Relative molecular mass

3460.01

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 3458.9u (average mass)
<b>Amino acid analysis</b>	Asx 3.29 (3)   Phe 1.05 (1)   Val* 1.69 (2) Glx 3.19 (3)   Nle det.   Leu 4.28 (4) His* 2.84 (3)   Ser 2.07 (2)   Trp det. Tyr 1.00 (1)   Gly 1.07 (1) Lys 3.35 (3)   Arg 2.26 (2)
<b>Solubility</b>	1 mg/ml in water
<b>Purity (HPLC)</b>	90.2% (TFA) 90.6% (TEAP) 94.7% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	71.8% (Nth 19.43 %, Nfd 13.95 %)
<b>General comment</b>	product supplied as a trifluoroacetate salt
Latest update: October 24, 2008	<b>Analytical Data Sheet</b> Lot number <b>1015496</b>