

# Analytical Data Sheet

Lot number

## 1048969

not for drug use

Catalog Number

N-1110.0500

Product number

4031202.0500

Product

(Tyr<sup>34</sup>) - 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- NH<sub>2</sub> trifluoroacetate salt

Molecular formula

C<sub>156</sub>H<sub>244</sub>N<sub>48</sub>O<sub>40</sub>S<sub>2</sub>

Relative molecular mass

3496.08

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 3496.9 u
<b>Amino acid analysis</b>	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.
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 95%
<b>Assay (AAA)</b>	78.8%
Latest update: July 08, 2013	<b>Analytical Data Sheet</b> Lot number <b>1048969</b>