

# Analytical Data Sheet

Lot number

## 1018273

not for drug use

**Catalog Number**

**H-3408.1000**

**Product number**

**4026647.1000**

**Product**

**pTH (1- 31) amide (human)**

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

**Molecular formula**

**C<sub>162</sub>H<sub>270</sub>N<sub>50</sub>O<sub>46</sub>S<sub>2</sub>**

**Relative molecular mass**

**3718.37**

Tests	Results
<b>Appearance</b>	white product
<b>Identification (ESI-MS)</b>	m = 3718.0u
<b>Amino acid analysis</b>	Asx 3.38 (3)    Met 2.08 (2)    Arg 2.20 (2) Ser 2.28 (3)    Ile 0.98 (1)    Trp det. Glx 5.43 (5)    Leu 4.87 (5) Gly 1.00 (1)    Lys 3.20 (3) Val 2.85 (3)    His 2.25 (2)
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	96.7% (TFA) 94.8% (TEAP) 99.0% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	75% (Nth 18.83 %, Nfd 14.20 %)
<b>General comment</b>	this product contains trifluoroacetic acid
Latest update: November 25, 2008	<b>Analytical Data Sheet</b> Lot number <b>1018273</b>