

## Analytical Data Sheet

Lot number

**1053753**

not for drug use

Catalog number

**H-5494.0500**

Product number

**4037178.0500**

Product

**pTH- Related Protein (1- 37) (human, mouse, rat)  
trifluoroacetate salt**

H- Ala- Val- Ser- Glu- His- Gln- Leu- Leu- His- Asp- Lys-  
Gly- Lys- Ser- Ile- Gln- Asp- Leu- Arg- Arg- Arg- Phe-  
Phe- Leu- His- His- Leu- Ile- Ala- Glu- Ile- His- Thr- Ala-  
Glu- Ile- Arg- OH trifluoroacetate salt

Molecular formula

$C_{197}H_{317}N_{63}O_{53}$

Relative molecular mass

4416.08

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 4416.9u
Amino acid analysis	Asx 2.0 (2) Thr 0.9 (1) Ala 3.1 (3) Glx 5.0 (5) Gly 1.0 (1) Leu 5.1 (5) Val 1.1 (1) Ile 3.9 (4) Lys 2.1 (2) Phe 2.0 (2) His 5.0 (5) Arg 3.7 (4) Ser* 1.3 (2)  *partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	>98%
Assay (AAA)	64.5%

Latest update: June 04, 2014

**Analytical Data Sheet**  
Lot number **1053753**