

## Analytical Data Sheet

Lot number

**7000405**  
not for drug use

Product number

H-5460

Product

PTH (1-34) (rat)

Molecular formula

 $C_{180}H_{291}N_{55}O_{48}S_2$ 

Relative molecular mass

4057.8

Tests	Results																																										
Appearance	White powder																																										
Solubility	1 mg/mL in water yields a clear and colorless solution																																										
Purity (HPLC)	≥ 98%																																										
Peptide content	74.7%																																										
Identification (ESI-MS)	4056.0 (Average mass)																																										
Amino acid analysis	<table><tbody><tr><td>Asx</td><td>3.1</td><td>(3)</td></tr><tr><td>Ser*</td><td>1.8</td><td>(2)</td></tr><tr><td>Glx</td><td>5.0</td><td>(5)</td></tr><tr><td>Gly</td><td>1.0</td><td>(1)</td></tr><tr><td>Ala</td><td>2.0</td><td>(2)</td></tr><tr><td>Val</td><td>3.0</td><td>(3)</td></tr><tr><td>Met</td><td>1.8</td><td>(2)</td></tr><tr><td>Ile</td><td>0.9</td><td>(1)</td></tr><tr><td>Leu</td><td>5.2</td><td>(5)</td></tr><tr><td>Phe</td><td>1.0</td><td>(1)</td></tr><tr><td>His</td><td>2.9</td><td>(3)</td></tr><tr><td>Lys</td><td>3.1</td><td>(3)</td></tr><tr><td>Arg</td><td>2.0</td><td>(2)</td></tr><tr><td>Trp**</td><td>0.2</td><td>(1)</td></tr></tbody></table>	Asx	3.1	(3)	Ser*	1.8	(2)	Glx	5.0	(5)	Gly	1.0	(1)	Ala	2.0	(2)	Val	3.0	(3)	Met	1.8	(2)	Ile	0.9	(1)	Leu	5.2	(5)	Phe	1.0	(1)	His	2.9	(3)	Lys	3.1	(3)	Arg	2.0	(2)	Trp**	0.2	(1)
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	*May be partially destroyed during acid hydrolysis **Was completely destroyed during acid hydrolysis																																										
Latest update: April 17, 2012	Analytical Data Sheet Lot number <b>7000405</b>																																										