

## Analytical Data Sheet

**Lot number** **1000034641**  
not for drug use

**Product** **pTH (1-84) (dog) trifluoroacetate salt**  
H-Ser-Val-Ser-Glu-Ile-Gln-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-Phe-Val-Ala-Leu-Gly-Ala-Pro-Ile-Ala-His-Arg-Asp-Gly-Ser-Ser-Gln-Arg-Pro-Leu-Lys-Lys-Glu-Asp-Asn-Val-Leu-Val-Glu-Ser-Tyr-Gln-Lys-Ser-Leu-Gly-Glu-Ala-Asp-Lys-Ala-Asp-Val-Asp-Val-Leu-Thr-Lys-Ala-Lys-Ser-Gln-OH trifluoroacetate salt

**Product number** **4050212.0500**

**Molecular formula** C<sub>414</sub>H<sub>672</sub>N<sub>122</sub>O<sub>128</sub>S<sub>2</sub>

**Relative molecular mass** 9470.77

Tests	Results																
<b>Appearance</b>	white powder																
<b>Identification (MALDI-MS)</b>	9470.4																
<b>Amino acid analysis</b>	<table> <tbody> <tr> <td>Asx 9.4 (9)</td> <td>Val 7.7 (8)</td> </tr> <tr> <td>Thr 1.0 (1)</td> <td>Met* 1.6 (2)</td> </tr> <tr> <td>Ser* 7.8 (9)</td> <td>Ile 2.0 (2)</td> </tr> <tr> <td>Glx 11.1 (11)</td> <td>Leu 8.7 (9)</td> </tr> <tr> <td>Pro 2.1 (2)</td> <td>Tyr 0.9 (1)</td> </tr> <tr> <td>Gly 4.2 (4)</td> <td>Phe 1.9 (2)</td> </tr> <tr> <td>Ala 6.4 (6)</td> <td>His 3.9 (4)</td> </tr> <tr> <td></td> <td>Lys 9.2 (9)</td> </tr> </tbody> </table> <p>Trp* 0.8 (1) Arg 4.1 (4) * partially destroyed during acid hydrolysis</p>	Asx 9.4 (9)	Val 7.7 (8)	Thr 1.0 (1)	Met* 1.6 (2)	Ser* 7.8 (9)	Ile 2.0 (2)	Glx 11.1 (11)	Leu 8.7 (9)	Pro 2.1 (2)	Tyr 0.9 (1)	Gly 4.2 (4)	Phe 1.9 (2)	Ala 6.4 (6)	His 3.9 (4)		Lys 9.2 (9)
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<b>Solubility</b>	soluble in water																
<b>Purity (HPLC)</b>	> 90%																
<b>Assay (AAA)</b>	97.9%																