

## Analytical Data Sheet

Lot number **1000011926**  
not for drug use

**Catalog number** H-3084.1000  
**Product number** 4031213.1000  
**Product** **pTH (7- 84) (human) trifluoroacetate salt**  
 H- 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- His- Asn- Phe- Val- Ala- Leu- Gly- Ala- Pro- Leu- Ala- Pro- Arg- Asp- Ala- Gly- Ser- Gln- Arg- Pro- Arg- Lys- Lys- Glu- Asp- Asn- Val- Leu- Val- Glu- Ser- His- Glu- Lys- Ser- Leu- Gly- Glu- Ala- Asp- Lys- Ala- Asp- Val- Asn- Val- Leu- Thr- Lys- Ala- Lys- Ser- Gln- OH trifluoroacetate salt  
**Molecular formula** C<sub>381</sub>H<sub>629</sub>N<sub>119</sub>O<sub>115</sub>S<sub>2</sub>  
**Relative molecular mass** 8781.05

| Tests                            | Results   |
|----------------------------------|---|
| <b>Appearance</b>                | white powder  |
| <b>Identification (MALDI-MS)</b> | 8781.30   |
| <b>Amino acid analysis</b>       | Asx 10.0 (10) Gly 4.08 (4) Phe 0.93 (1)<br>Thr 1.01 (1) Ala 7.31 (7) His 3.75 (4)<br>Ser 4.60 (5) Val 6.51 (7) Lys 8.95 (9)<br>Glx 8.95 (9) Met* 0.79 (2) Trp* 0.08 (1)<br>Pro 3.08 (3) Leu 9.70 (10) Arg 4.92 (5)<br><br>*Partially destroyed during acid hydrolysis |
| <b>Solubility</b>                | soluble in water at 1mg/mL  |
| <b>Purity (HPLC)</b>             | 95.2%   |
| <b>Assay (AAA)</b>               | 89.8%   |

Latest update: February 05, 2019

**Analytical Data Sheet**  
Lot number **1000011926**