

## Analytical Data Sheet

Lot number **1000032300**  
not for drug use

**Catalog number** H-7234.1000  
**Product number** 4072021.1000  
**Product** ( $^{13}\text{C}_6$ ][Leu $^{15}$ ] - pTH (1- 34) (human) trifluoroacetate salt  
H- Ser- Val- Ser- Glu- Ile- Gln- Leu- Met- His- Asn- Leu- Gly- Lys- His- [ $^{13}\text{C}_6$ ][Leu- Asn- Ser- Met- Glu- Arg- Val- Glu- Trp- Leu- Arg- Lys- Lys- Leu- Gln- Asp- Val- His- Asn- Phe- OH trifluoroacetate salt  
**Molecular formula**  $\text{C}_{175}^{13}\text{C}_6\text{H}_{291}\text{N}_{55}\text{O}_{51}\text{S}_2$   
**Relative molecular mass** 4123.71

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 4123.8u
<b>Amino acid analysis</b>	Asx 4.1 (4) Ser 2.8 (3) Met* 1.2 (2) Gly 1.1 (1) Val 2.9 (3) Phe 1.0 (1) Ile 1.1 (1) Leu 5.0 (5) Trp* 0.2 (1) His 2.8 (3) Lys 3.0 (3) Arg 1.9 (2) Glx 5.1 (5)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 95%
<b>Assay (AAA)</b>	69.3%

Latest update: May 06, 2020

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