

## Analytical Data Sheet

Lot number **3016163**  
not for drug use

**Catalog number** H-7906.0500  
**Product number** 4099715.0500  
**Product** **Biotinyl- LL- 37 trifluoroacetate salt**  
 Biotinyl- Leu- Leu- Gly- Asp- Phe- Phe- Arg- Lys- Ser-  
 Lys- Glu- Lys- Ile- Gly- Lys- Glu- Phe- Lys- Arg- Ile- Val-  
 Gln- Arg- Ile- Lys- Asp- Phe- Leu- Arg- Asn- Leu- Val-  
 Pro- Arg- Thr- Glu- Ser- OH trifluoroacetate salt  
**Molecular formula**  $C_{215}H_{354}N_{62}O_{55}S$   
**Relative molecular mass** 4719.63

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	4719.20
<b>Amino acid analysis</b>	Asx 3.12 (3) Gly 1.91 (2) Lys 5.82 (6) Thr 1.02 (1) Val* 1.72 (2) Arg 5.01 (5) Ser 1.90 (2) Ile* 2.21 (3) Glx 4.01 (4) Leu 4.05 (4) Pro 1.06 (1) Phe 4.02 (4)  *Valine and isoleucine values low due to the resistance of the Ile-Val bond to acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	97.3%
<b>Assay (AAA)</b>	74.1%

Latest update: September 23, 2016

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