

## Analytical Data Sheet

Lot number **1061551**  
not for drug use

**Catalog number** H-7394.0500  
**Product number** 4089772.0500  
**Product** **Biotinyl- Amylin (mouse, rat) trifluoroacetate salt**  
 Biotinyl- Lys- Cys- Asn- Thr- Ala- Thr- Cys- Ala- Thr-  
 Gln- Arg- Leu- Ala- Asn- Phe- Leu- Val- Arg- Ser- Ser-  
 Asn- Asn- Leu- Gly- Pro- Val- Leu- Pro- Pro- Thr- Asn-  
 Val- Gly- Ser- Asn- Thr- Tyr- NH<sub>2</sub> trifluoroacetate salt  
 (Disulfide bond)  
**Molecular formula** C<sub>177</sub>H<sub>286</sub>N<sub>54</sub>O<sub>55</sub>S<sub>3</sub>  
**Relative molecular mass** 4146.75

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	4146.52
<b>Amino acid analysis</b>	Asx 5.97 (6) Gly 2.12 (2) Tyr 1.02 (1) Thr 5.29 (5) Ala 3.19 (3) Phe 1.03 (1) Ser 3.02 (3) Cys* 0.19 (2) Lys 1.06 (1) Glx 1.09 (1) Val 2.77 (3) Arg 1.92 (2) Pro 3.08 (3) Leu 3.83 (4)  *Partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in 0.1% TFA in water
<b>Purity (HPLC)</b>	>96%
<b>Assay (AAA)</b>	87.6%
<b>Date of manufacture</b>	June 30, 2014

Latest update: September 25, 2015

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