

Analytical Data Sheet

Lot number **1061552**
not for drug use

Catalog number H-7394.1000
Product number 4089772.1000
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- NH₂ trifluoroacetate salt
 (Disulfide bond)
Molecular formula C₁₇₇H₂₈₆N₅₄O₅₅S₃
Relative molecular mass 4146.75

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4146.52
Amino acid analysis	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
Solubility	soluble in 0.1% TFA in water
Purity (HPLC)	>96%
Assay (AAA)	87.6%
Date of manufacture	June 30, 2014

Latest update: September 25, 2015

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