

Analytical Data Sheet

Lot number **1056712**
not for drug use

Catalog number H-7456.0100
Product number 4090156.0100
Product **Biotinyl- εAhx- Amyloid β- Protein (1- 40) trifluoroacetate salt**
 Biotinyl- εAhx- Asp- Ala- Glu- Phe- Arg- His- Asp- Ser- Gly- Tyr- Glu- Val- His- His- Gln- Lys- Leu- Val- Phe- Phe- Ala- Glu- Asp- Val- Gly- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met- Val- Gly- Gly- Val- Val- OH trifluoroacetate salt
Molecular formula C₂₁₀H₃₂₀N₅₆O₆₁S₂
Relative molecular mass 4669.32

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4669.32
Amino acid analysis	Asx 4.15 (4) Val* 3.96 (6) Phe 2.60 (3) Ser 1.99 (2) Met 0.99 (1) His* 2.65 (3) Glx 4.06 (4) Ile** 0.71 (2) Lys 2.11 (2) Gly 6.17 (6) Leu 1.86 (2) Arg 0.97 (1) Ala 3.11 (3) Tyr 0.97 (1) Ahx Det(1) *Valine and Histidine values low due to the resistance of the Val-Val, Val-His and His-His bonds to acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	>93%
Assay (AAA)	76.3%
Date of manufacture	November 11, 2014