

Analytical Data Sheet

Lot number **1000010048**
not for drug use

Catalog number H-7368.1000
Product number 4034867.1000
Product (Cys⁰) - Amyloid β- Protein (1- 40) trifluoroacetate salt
 H- Cys- 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 C₁₉₇H₃₀₀N₅₄O₅₉S₂
Relative molecular mass 4433.01

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4432.66
Amino acid analysis	Asx 4.21 (4) Cys* 0.00 (1) Tyr 0.97 (1) Ser 1.85 (2) Val 5.80 (6) Phe 2.86 (3) Glx 3.81 (4) Met 0.92 (1) His 2.99 (3) Gly 6.02 (6) Ile** 1.54 (2) Lys 2.10 (2) Ala 3.09 (3) Leu 1.98 (2) Arg 0.96 (1) *Partially destroyed during acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	95.2%
Assay (AAA)	78.1%

Latest update: December 11, 2018

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