

Analytical Data Sheet

Lot number **1061555**
not for drug use

Catalog number H-7402.0500
Product number 4060051.0500
Product (Cys²⁶) - Amyloid β- Protein (1- 40) trifluoroacetate salt
 H- 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- Cys- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met- Val- Gly- Gly- Val- Val- OH trifluoroacetate salt
Molecular formula C₁₉₄H₂₉₅N₅₃O₅₇S₂
Relative molecular mass 4345.93

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4345.81
Amino acid analysis	Asx 3.96 (4) Cys* 0.07 (1) Tyr 1.00 (1) Ser 0.92 (1) Val** 4.55 (6) Phe 2.99 (3) Glx 3.74 (4) Met* 0.29 (1) His 2.96 (3) Gly 5.93 (6) Ile^ 0.91 (2) Lys 2.31 (2) Ala 3.01 (3) Leu 1.98 (2) Arg 1.09 (1) *Partially destroyed during acid hydrolysis **Valine value low due to the resistance of the Val-His bond and the Val-Val bond 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)	>96%
Assay (AAA)	77.7%
Date of manufacture	July 29, 2014

Latest update: September 25, 2015

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