

Analytical Data Sheet

Lot number **1070218**
not for drug use

Catalog number H-7404.0500
Product number 4089802.0500
Product **Amyloid β- Protein (1- 42) sodium 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- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly-
 Leu- Met- Val- Gly- Gly- Val- Val- Ile- Ala- OH sodium
 salt
Molecular formula C₂₀₃H₃₁₁N₅₅O₆₀S
Relative molecular mass 4514.10

Tests	Results
Appearance	white powder
Appearance of solution	turbid solution (1 mg/mL in HFIP)
Identification (MALDI-MS)	4513.83
Amino acid analysis	Asx 4.07 (4) Val** 4.78 (6) Phe 2.92 (3) Ser* 1.62 (2) Met* 0.51 (1) His 2.88 (3) Glx 3.59 (4) Ile^ 2.04 (3) Lys 2.16 (2) Gly 6.13 (6) Leu 2.02 (2) Arg 0.99 (1) Ala 4.17 (4) Tyr 0.96 (1) *Partially destroyed during acid hydrolysis **Valine value low due to the resistance of the Val-Val, Val-Ile and Val-His bonds to acid hydrolysis ^Isoleucine value low due to the resistance of the Val-Ile and Ile-Ile bonds to acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	92.1%
Assay (AAA)	98.2%

Latest update: December 04, 2017

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