

Analytical Data Sheet

Lot number **1000019400**
not for drug use

Catalog number H-1368.0100
Product number 4014447.0100
Product **Amyloid β - Protein (1- 42)**
 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
Molecular formula $C_{203}H_{311}N_{55}O_{60}S$
Relative molecular mass 4514.10

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 0.1% NH_4OH)
Identification (ESI-MS)	m= 4514.0u (average mass)
Amino acid analysis	Asx 4.0 (4) Arg 1.0 (1) Lys* 2.0 (2) Ser 1.4 (2) Ala 3.7 (4) Ile 2.6 (3) Glx 3.8 (4) Tyr 1.0 (1) Leu 2.0 (2) Gly 5.9 (6) Val 5.2 (6) Phe 3.0 (3) His 3.1 (3) Met 1.1 (1) Incomplete hydrolysis: Val-Val RT 29.8 min. Ile-Ile, Ala-Ile RT 37 min. *calculated based by Lys (2)
Purity (HPLC)	97.4% (NH_3)
Assay (elemental analysis)	95.1% (Nth 17.07%, Nfd 16.24%)
Date of manufacture	January 21, 2015

Latest update: July 26, 2019

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