

Analytical Data Sheet

Lot number **1000010777**
not for drug use

Catalog number H-1368.1000
Product number 4014447.1000
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= 4511.2u (monoisotopic mass)
Amino acid analysis	Asx 3.6 (4) Arg 1.0 (1) Lys 2.0 (2) Ser 1.5 (2) Ala 3.8 (4) Ile 2.4 (3) Glx 3.7 (4) Tyr 0.9 (1) Leu 2.0 (2) Gly 6.2 (6) Val 5.8 (6) Phe 3.0 (3) His 3.1 (3) Met 1.0 (1) Incomplete hydrolysis: Ile-Ile, Ala-Ile RT 36.9 min. calculated based on Leu (2)
Purity (HPLC)	97.3% (Spez. NH_4OH)
Assay (elemental analysis)	95.1% (Nth 17.07%, Nfd 16.24%)

Latest update: January 15, 2019

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