

## Analytical Data Sheet

Lot number **1000002591**  
not for drug use

Retest date N/A

Catalog number **H-1368.0500**

Product number **4014447.0500**

Product **Amyloid  $\beta$ - 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 <sub>4</sub> OH)
Identification (ESI-MS)	m= 4514.0u (average mass)
Amino acid analysis	Asx 4.0 (4) Arg 1.0 (1) Lys 2.1 (2) Ser 1.6 (2) Ala 3.7 (4) Ile 2.4 (3) Glx 3.8 (4) Tyr 1.0 (1) Leu* 2.0 (2) Gly 5.9 (6) Val 5.1 (6) Phe 3.0 (3) His 3.0 (3) Met 1.1 (1)
	Incomplete hydrolysis: Val-Val RT 29.7 min. Ile-Ile, Ala-Ile RT 37 min.
	*calculated based by Leu (2)
Purity (HPLC)	97.3% 0.1% NH <sub>4</sub> OH
Assay (elemental analysis)	96.7% (Nth 17.07%, Nfd 16.50%)

Latest update: July 05, 2018

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