

Analytical Data Sheet

Lot number **1000006538**
not for drug use

Catalog number H-5966.1000
Product number 4035885.1000
Product **Amyloid β - Protein (1- 42) (mouse, rat)**
 H- Asp- Ala- Glu- Phe- Gly- His- Asp- Ser- Gly- Phe-
 Glu- Val- Arg- 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 C₁₉₉H₃₀₇N₅₃O₅₉S
Relative molecular mass 4418.01

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1mg/mL in ammonia 0.1%)
Identification (ESI-MS)	m = 4417.9u (average mass)
Amino acid analysis	Asx 4.5 (4) Arg 1.1 (1) Ile 2.2 (3) Ser 1.6 (2) Ala 4.1 (4) Leu 2.0 (2) Glx 4.2 (4) Val 5.3 (6) Phe 4.3 (4) Gly 7.4 (7) Met 0.7 (1) His 2.2 (2) Lys 2.2 (2) Ser and Met partially destroyed during hydrolysis Ile - Ile and Val - Val incomplete hydrolysis
Purity (HPLC)	90.2% (NH ₃)
Assay (elemental analysis)	92.7% (Nth 16.80%, Nfd 15.57%)

Latest update: September 27, 2018

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