

Analytical Data Sheet

Lot number **1070805**
not for drug use

Catalog number H-7436.0500
Product number 4041241.0500
Product **Amyloid β - Protein (5- 42) ammonium salt**
 H- 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 ammonium salt
Molecular formula $C_{182}H_{285}N_{51}O_{52}S$
Relative molecular mass 4051.64

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4052.25
Amino acid analysis	Asx 3.06 (3) Val** 4.60 (6) Phe 1.96 (2) Ser* 1.69 (2) Met* 0.37 (1) His 2.76 (3) Glx 3.10 (3) Ile^ 1.88 (3) Lys 2.00 (2) Gly 5.68 (6) Leu 1.94 (2) Arg 0.94 (1) Ala 3.39 (3) Tyr 0.92 (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	insoluble in water at 1mg/mL insoluble in DMF at 1mg/mL soluble in 50% Acetic acid at 1mg/mL
Purity (HPLC)	82.1%
Assay (AAA)	95.4%

Latest update: March 16, 2017

Analytical Data Sheet
Lot number **1070805**