

Analytical Data Sheet

Lot number **1000018467**
not for drug use

Retest date n/a
 Catalog number n/a
 Product number **4104330.2001**
 Product **(Val²) - Amyloid β- Protein (1- 42) trifluoroacetate salt**
 H- Asp- Val- 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
 trifluoroacetate salt
 Molecular formula $C_{205}H_{315}N_{55}O_{60}S$
 Relative molecular mass 4542.16

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4542.03
Amino acid analysis	Asx 4.28 (4) Val** 6.09 (7) Phe 2.62 (3) Ser* 1.78 (2) Met* 0.89 (1) His 3.23 (3) Glx 3.54 (4) Ile** 2.22 (3) Lys 2.22 (2) Gly 6.38 (6) Leu 1.82 (2) Arg 1.06 (1) Ala 3.12 (3) Tyr 0.95 (1) *Partially destroyed during acid hydrolysis **Valine and isoleucine values low due to the resistance of the Val-Val, Val-His, Val-Ile and Ile-Ile bonds to acid hydrolysis
Solubility	soluble in DMF at 1mg/mL
Purity (HPLC)	92.6%
Assay (elemental analysis)	96.6%

Latest update: July 16, 2019

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