

Analytical Data Sheet

Lot number **1000017783**
not for drug use

Retest date n/a

Catalog number **H-7462.1000**

Product number **4062195.1000**

Product **Amyloid β - Protein (1- 37) trifluoroacetate salt**
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- OH trifluoroacetate salt

Molecular formula $C_{182}H_{274}N_{50}O_{55}S$

Relative molecular mass 4074.55

| Tests | Results |
|---------------------------|--|
| Appearance | white powder |
| Identification (MALDI-MS) | 4074.61 |
| Amino acid analysis | Asx 4.01 (4) Val** 3.52 (4) Phe 2.90 (3) Ser* 1.78 (2) Met* 0.31 (1) His 2.80 (3) Glx 3.90 (4) Ile^ 0.83 (2) Lys 2.18 (2) Gly 4.93 (5) Leu 1.93 (2) Arg 1.04 (1) Ala 3.12 (3) Tyr 0.99 (1) |
| | *Partially destroyed during acid hydrolysis **Valine value low due to the resistance of the Val-His bond to acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis |
| Solubility | soluble in 0.1% TFA in acetonitrile / water |
| Purity (HPLC) | >95% |
| Assay (AAA) | 85.9% |

Latest update: June 28, 2019

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