

Analytical Data Sheet

Lot number **1073052**
not for drug use

Catalog number H-7848.1000
Product number 4064438.1000
Product (Lys²²) - Amyloid β- Protein (1- 42) trifluoroacetate salt
 H- Asp- Ala- Glu- Phe- Arg- His- Asp- Ser- Gly- Tyr- Glu- Val- His- His- Gln- Lys- Leu- Val- Phe- Phe- Ala- Lys- 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 C₂₀₂H₃₀₉N₅₅O₆₀S
Relative molecular mass 4500.08

| Tests | Results |
|----------------------------------|--|
| Appearance | white powder |
| Identification (MALDI-MS) | 4513.50 |
| Amino acid analysis | Asx 4.16 (4) Val* 4.26 (6) Phe 2.72 (3) Ser 1.82 (2) Met** 0.78 (1) His 2.94 (3) Glx 2.98 (3) Ile* 1.66 (3) Lys 3.19 (3) Gly 6.11 (6) Leu 1.83 (2) Arg 1.04 (1) Ala 4.04 (4) Tyr 0.93 (1) *Valine and isoleucine values low due to the resistance of the Val-Ile bond, Val-His bond, Val-Val bond and Ile-Ile bond to acid hydrolysis **Partially destroyed during acid hydrolysis |
| Solubility | soluble in water at 1mg/mL |
| Purity (HPLC) | 92.0% |
| Assay (AAA) | 79.4% |

Latest update: August 22, 2017

Analytical Data Sheet
Lot number **1073052**