

## Analytical Data Sheet

Lot number **1073054**  
not for drug use

**Catalog number** H-7842.1000  
**Product number** 4099631.1000  
**Product** (Asp<sup>37</sup>) - 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- Glu- Asp- Val- Gly- Ser- Asn- Lys- Gly- Ala- Ile- Ile- Gly- Leu- Met- Val- Asp- Gly- Val- Val- Ile- Ala- OH trifluoroacetate salt  
**Molecular formula** C<sub>205</sub>H<sub>313</sub>N<sub>55</sub>O<sub>62</sub>S  
**Relative molecular mass** 4572.14

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	4572.56
<b>Amino acid analysis</b>	Asx 5.32 (5) Val** 5.17 (6) Phe 2.57 (3) Ser* 1.69 (2) Met* 0.82 (1) His 3.12 (3) Glx 3.87 (4) Ile** 2.18 (3) Lys 2.13 (2) Gly 5.24 (5) Leu 1.74 (2) Arg 1.03 (1) Ala 4.21 (4) Tyr 0.89 (1)  *Partially destroyed during acid hydrolysis **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
<b>Solubility</b>	soluble in 0.1% aqueous NH <sub>3</sub> at 1mg/mL
<b>Purity (HPLC)</b>	92.3%
<b>Assay (AAA)</b>	85.2%

Latest update: August 21, 2017

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