

## Analytical Data Sheet

Lot number **1073146**  
not for drug use

**Catalog number** H-7668.1000  
**Product number** 4073393.1000  
**Product** **Amyloid  $\beta$ - Protein (11- 42) trifluoroacetate salt**  
H- 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**  $C_{152}H_{244}N_{40}O_{42}S$   
**Relative molecular mass** 3335.92

Tests	Results
<b>Appearance</b>	white lyophilized powder
<b>Identification (ESI-MS)</b>	m = 3335.0u
<b>Amino acid analysis</b>	Ala 3.0 (3) Ile* 2.3 (3) Ser 0.9 (1) Asx 2.0 (2) Leu 2.0 (2) Val 5.8 (6) Glx 2.9 (3) Lys 2.0 (2) Gly 5.0 (5) Met 1.0 (1) His 1.9 (2) Phe 1.9 (2)  * Ile-Ile bond was partially hydrolysed during hydrolysis
<b>Solubility</b>	1 mg/mL in 5% $NH_4OH$ in $H_2O$
<b>Purity (HPLC)</b>	90.9%
<b>Peptide content</b>	81.6%

Latest update: August 25, 2017

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