

## Analytical Data Sheet

Lot number **1070199**  
not for drug use

**Catalog number** H-7865.0500  
**Product number** 4025511.0500  
**Product** **Amyloid  $\beta$ - Protein (1- 28) 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- OH trifluoroacetate  
salt  
**Molecular formula**  $C_{145}H_{209}N_{41}O_{46}$   
**Relative molecular mass** 3262.50

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (1 mg/ml in AcOH 5 %)
<b>Identification (ESI-MS)</b>	m = 3262.5u (average mass)
<b>Amino acid analysis</b>	Asx 4.07 (4) His 2.87 (3) Lys 1.98 (2) Glx 4.32 (4) Ser 1.97 (2) Arg 0.98 (1) Ala 2.10 (2) Gly 2.18 (2) Leu 1.00 (1) Val 3.06 (3) Phe 2.95 (3) Tyr 0.99 (1)
<b>Purity (HPLC)</b>	96.4% (TFA) 95.9% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	75.45% (Nth 17.60 %, Nfd 13.28 %)

Latest update: February 15, 2017

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