

## Analytical Data Sheet

Lot number **1000031478**  
not for drug use

**Catalog number** H-7422.1000  
**Product number** 4050043.1000  
**Product** (Pyr<sup>3</sup>) - Amyloid β- Protein (3- 40) trifluoroacetate salt  
 Pyr- 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- Gly- Val- Val- OH trifluoroacetate salt  
**Molecular formula** C<sub>187</sub>H<sub>283</sub>N<sub>51</sub>O<sub>53</sub>S  
**Relative molecular mass** 4125.68

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	4126.20
<b>Amino acid analysis</b>	Asx 3.15 (3) Val* 4.23 (6) Phe 2.66 (3) Ser 1.95 (2) Met 0.91 (1) His 2.73 (3) Glx 4.00 (4) Ile** 0.81 (2) Lys 2.18 (2) Gly 6.08 (6) Leu 1.89 (2) Arg 0.98 (1) Ala 2.09 (2) Tyr 0.97 (1)  *Valine value low due to the resistance of the Val-Val bond and the Val-His bond to acid hydrolysis **Isoleucine value low due to the resistance of the Ile-Ile bond to acid hydrolysis
<b>Solubility</b>	soluble in 0.1% TFA in acetonitrile / water
<b>Purity (HPLC)</b>	>95%
<b>Assay (AAA)</b>	74.0%

Latest update: April 16, 2020

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