

## Analytical Data Sheet

Lot number **1060360**  
not for drug use

**Catalog number** H-7448.0500  
**Product number** 4090153.0500  
**Product** **5- TAMRA- Amyloid  $\beta$ - Protein (1- 42) trifluoroacetate salt**  
 5- TAMRA- 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- Gly- Gly- Val- Val- Ile- Ala- OH trifluoroacetate salt  
**Molecular formula** C<sub>228</sub>H<sub>331</sub>N<sub>57</sub>O<sub>64</sub>S  
**Relative molecular mass** 4926.55

Tests	Results
<b>Appearance</b>	purple powder
<b>Identification (MALDI-MS)</b>	4926.00
<b>Amino acid analysis</b>	Asx 4.35 (4) Val* 3.10 (6) Phe 2.71 (3) Ser 2.18 (2) Met** 0.89 (1) His 2.82 (3) Glx 4.12 (4) Ile^ 1.14 (3) Lys 2.42 (2) Gly 5.75 (6) Leu 1.70 (2) Arg 1.06 (1) Ala 3.90 (4) Tyr 0.99 (1)  *Valine value low due to the resistance of the Val-Val, Val-Ile and the Val-His bonds to acid hydrolysis **Partially destroyed during acid hydrolysis ^Isoleucine value low due to the resistance of the Ile-Ile and the Val-Ile bonds to acid hydrolysis
<b>Solubility</b>	soluble in DMF at 1mg/mL
<b>Purity (HPLC)</b>	>73%
<b>Assay (AAA)</b>	71.2%
<b>Date of manufacture</b>	February 25, 2015

Latest update: August 25, 2015

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