

# Analytical Data Sheet

Lot number

**1051833**

not for drug use

Catalog Number

H-5642.1000

Product number

4038795.1000

Product

**Biotinyl- Amyloid  $\beta$ - Protein (1- 42) ammonium salt**  
 Biotinyl- 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 ammonium salt

Molecular formula

$C_{213}H_{325}N_{57}O_{62}S_2$

Relative molecular mass

4740.40

| Tests                             | Results   |
|-----------------------------------|---|
| <b>Appearance</b>                 | white lyophilisate  |
| <b>Appearance of solution</b>     | clear, colorless solution (1 mg/mL in 0.1% ammonia)       |
| <b>Identification (ESI-MS)</b>    | m = 4740.4 u (average mass)                               |
| <b>Purity (HPLC)</b>              | 92.1% (NH <sub>3</sub> )                                  |
| <b>Assay (elemental analysis)</b> | 93.3% (Nth 16.84%, Nfd 15.71%)                            |
| Latest update: January 22, 2014   | <b>Analytical Data Sheet</b><br>Lot number <b>1051833</b> |