

Analytical Data Sheet

Lot number **1041952**
not for drug use

Catalog number H-6388.1000
Product number 4037472.1000
Product **Cys- Gly- Lys- Arg- Amyloid β- Protein (1- 42) trifluoroacetate salt**
 H- Cys- Gly- Lys- Arg- 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 C₂₂₀H₃₄₃N₆₃O₆₄S₂
Relative molecular mass 4958.66

Tests	Results
Appearance	slightly yellow lyophilisate
Appearance of solution	clear, colorless solution (1mg/mL in acetic acid 40%)
Identification (ESI-MS)	m = 4958.7u (average mass)
Amino acid analysis	Asx 3.9 (4) Arg 1.9 (2) Lys 2.9 (3) Ser* 1.5 (2) Ala 4.0 (4) Ile 2.6 (3) Glx 3.8 (4) Tyr 0.8 (1) Leu 2.0 (2) Gly 7.4 (7) Val 5.6 (6) Phe 3.0 (3) His 3.0 (3) Met 0.8 (1) * Ser partially destroyed during hydrolysis Cys det. as Cys and Cyss Met-Val, Ile-Ile, Val-Ile incomplete hydrolysis
Purity (HPLC)	81.2% (TFA)
Assay (elemental analysis)	78.73% (Nth 17.80%, Nfd14.01%)
General comment	Product supplied as trifluoroacetate salt

Latest update: March 02, 2017

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