

Analytical Data Sheet

Lot number **1061769**
not for drug use

Catalog number H-4728.1000
Product number 4029311.1000
Product **Amyloid Bri Protein (1- 34) (reduced) trifluoroacetate salt**
 Pyr- Ala- Ser- Asn- Cys- Phe- Ala- Ile- Arg- His- Phe-
 Glu- Asn- Lys- Phe- Ala- Val- Glu- Thr- Leu- Ile- Cys-
 Ser- Arg- Thr- Val- Lys- Lys- Asn- Ile- Ile- Glu- Glu- Asn-
 OH trifluoroacetate salt
Molecular formula $C_{173}H_{275}N_{49}O_{52}S_2$
Relative molecular mass 3937.52

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in acetic acid 50 %)
Identification (ESI-MS)	m = 3938.2u (average mass)
Amino acid analysis	Asx 3.84 (4) Leu 1.00 (1) Ile 2.48 (4) Glx 4.81 (5) Ser 1.87 (2) Phe 2.94 (3) Arg 1.76 (2) His 0.90 (1) Trp det. Ala 2.85 (3) Thr 1.84 (2) Lys 2.88 (3) Val 1.90 (2)
Purity (HPLC)	86.2% (TFA) 84.9% (TEAP)
Assay (elemental analysis)	80.5% (Nth 17.43 %, Nfd 14.03 %)
General comment	product supplied as a trifluoroacetate salt
General comment	product is prone to oxidation

Latest update: September 28, 2015

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