

Analytical Data Sheet

Lot number **1000000578**
not for drug use

Catalog number H-2470.1000
Product number 4009494.1000
Product **C- Peptide (human) trifluoroacetate salt**
H- Glu- Ala- Glu- Asp- Leu- Gln- Val- Gly- Gln- Val- Glu-
Leu- Gly- Gly- Gly- Pro- Gly- Ala- Gly- Ser- Leu- Gln-
Pro- Leu- Ala- Leu- Glu- Gly- Ser- Leu- Gln- OH
trifluoroacetate salt
Molecular formula $C_{129}H_{211}N_{35}O_{48}$
Relative molecular mass 3020.30

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in 50% acetic acid)
Identification (ESI-MS)	m = 3020.3u (average mass)
Amino acid analysis	Asx 1.0 Leu 5.9 Pro 2.0 Glx 7.8 Val 2.2 Ala 2.8 Ser det. Gly 7.7
Purity (HPLC)	96.2% (TFA) 95.4% (TEAP) 95.1% (NaClO ₄)
Assay (elemental analysis)	89.9% (Nth 16.23%, Nfd 14.59%)

Latest update: June 19, 2018

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