

Analytical Data Sheet

Lot number **1071613**
not for drug use

Catalog number H-4242.0500
Product number 4028385.0500
Product ([D₈]Val^{7,10}) - C- Peptide (human)
 H- Glu- Ala- Glu- Asp- Leu- Gln- [D₈]Val- Gly- Gln-
 [D₈]Val- Glu- Leu- Gly- Gly- Gly- Pro- Gly- Ala- Gly- Ser-
 Leu- Gln- Pro- Leu- Ala- Leu- Glu- Gly- Ser- Leu- Gln-
 OH
Molecular formula C₁₂₉H₁₉₅D₁₆N₃₅O₄₈
Relative molecular mass 3036.43

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 mg/ml in AcOH 50 %)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 3035.5 u
Amino acid analysis	Glx 8.00 (8) Gly 6.68 (7) Ser 2.05 (2) Ala 3.16 (3) Val 2.07 (2) Leu 5.95 (6) Pro 1.97 (2) Asx 1.06 (1)
Purity (HPLC)	92.5% (TEAP) 93.1% (NaClO ₄)
Assay (elemental analysis)	86.1% (Nth 16.14 %, Nfd 13.90 %)
General comment	This product contains trifluoroacetic acid

Latest update: May 11, 2017

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