

## Analytical Data Sheet

Lot number **1000003638**  
not for drug use

**Catalog number** H-4242.1000  
**Product number** 4028385.1000  
**Product** ([D<sub>8</sub>]Val<sup>7,10</sup>) - C- Peptide (human)  
 H- Glu- Ala- Glu- Asp- Leu- Gln- [D<sub>8</sub>]Val- Gly- Gln-  
 [D<sub>8</sub>]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** C<sub>129</sub>H<sub>195</sub>D<sub>16</sub>N<sub>35</sub>O<sub>48</sub>  
**Relative molecular mass** 3036.43

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (5 mg/ml in AcOH 50 %)
<b>Identification (FAB-MS)</b>	[M + H] <sup>+</sup> : m/z = 3035.5 u
<b>Amino acid analysis</b>	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)
<b>Purity (HPLC)</b>	92.5% (TEAP) 93.1% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	86.1% (Nth 16.14 %, Nfd 13.90 %)
<b>General comment</b>	This product contains trifluoroacetic acid

Latest update: July 26, 2018

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