

## Analytical Data Sheet

Lot number **1025292**  
not for drug use

**Catalog number** H-8735.0500  
**Product number** 4015051.0500  
**Product** **Exendin- 3 trifluoroacetate salt**  
 H- His- Ser- Asp- Gly- Thr- Phe- Thr- Ser- Asp- Leu- Ser- Lys- Gln- Met- Glu- Glu- Glu- Ala- Val- Arg- Leu- Phe- Ile- Glu- Trp- Leu- Lys- Asn- Gly- Gly- Pro- Ser- Ser- Gly- Ala- Pro- Pro- Pro- Ser- NH<sub>2</sub> trifluoroacetate salt  
**Molecular formula** C<sub>184</sub>H<sub>282</sub>N<sub>50</sub>O<sub>61</sub>S  
**Relative molecular mass** 4202.63

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 4202.6u (non protonated)
<b>Amino acid analysis</b>	Asx 2.87 (3) Thr 2.09 (2) Ser* 4.96 (6) Glx 5.33 (5) Pro 4.27 (4) Gly 3.98 (4) Ala 2.05 (2) Val 1.01 (1) Met 1.04 (1) Ile 0.99 (1) Leu 3.00 (3) Phe 2.01 (2) Lys 2.11 (2) His 0.99 (1) Arg 1.03 (1)  * partially destroyed during hydrolysis.
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	98.6% (TFA) 97.3% (TEAP)
<b>Assay (elemental analysis)</b>	80.3% (Nth 16.66 %, Nfd 13.38 %)
<b>General comment</b>	this product supplied as a trifluoroacetate salt.

Latest update: July 11, 2016

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