

## Analytical Data Sheet

Lot number **1066454**  
not for drug use

**Catalog number** H-8184.1000  
**Product number** 4085313.1000  
**Product** (D- Asp<sup>28</sup>) - Exenatide trifluoroacetate salt  
 H- His- Gly- Glu- Gly- Thr- Phe- Thr- Ser- Asp- Leu- Ser- Lys- Gln- Met- Glu- Glu- Glu- Ala- Val- Arg- Leu- Phe- Ile- Glu- Trp- Leu- Lys- D- Asp- 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>281</sub>N<sub>49</sub>O<sub>61</sub>S  
**Relative molecular mass** 4187.62

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 4187.20u
<b>Amino acid analysis</b>	Asx 2.1 (2) Gly 5.3 (5) Leu 2.8 (3) Arg 1.1 (1) Thr 1.9 (2) Ala 2.1 (2) Phe 1.8 (2) Ser 4.6 (5) Val 1.0 (1) His 1.1 (1) Glx 5.8 (6) Met 0.9 (1) Lys 2.1 (2) Pro 4.0 (4) Ile 0.9 (1) Trp* 0.8 (1)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in 0.1% TFA in acetonitrile / water at 1 mg/mL
<b>Purity (HPLC)</b>	95.0%
<b>Assay (AAA)</b>	91.0%
<b>Date of manufacture</b>	July 05, 2013

Latest update: August 23, 2016

**Analytical Data Sheet**  
Lot number **1066454**