

## Analytical Data Sheet

Lot number **1066449**  
not for drug use

**Catalog number** H-8192.0100  
**Product number** 4084643.0100  
**Product** (D- Asn<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- 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>60</sub>S  
**Relative molecular mass** 4186.63

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (ESI-MS)</b>	m = 4186.39u
<b>Amino acid analysis</b>	Asx 2.1 (2) Gly 5.2 (5) Leu 2.8 (3) Arg 1.2 (1) Thr 1.9 (2) Ala 2.1 (2) Phe 1.9 (2) Ser* 4.2 (5) Val 1.0 (1) His 1.1 (1) Glx 5.8 (6) Met 0.9 (1) Lys 2.1 (2) Pro 3.9 (4) Ile 1.0 (1) Trp* 0.7 (1)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in 0.1% TFA in acetonitrile / water 1 mg/mL
<b>Purity (HPLC)</b>	95.4%
<b>Assay (AAA)</b>	86.1%
<b>Date of manufacture</b>	May 14, 2013

Latest update: August 23, 2016

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