

Analytical Data Sheet

Lot number **1066452**
not for drug use

Catalog number H-8184.0100
Product number 4085313.0100
Product (D- Asp²⁸) - 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- NH₂ trifluoroacetate salt
Molecular formula C₁₈₄H₂₈₁N₄₉O₆₁S
Relative molecular mass 4187.62

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 4187.20u
Amino acid analysis	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
Solubility	soluble in 0.1% TFA in acetonitrile / water at 1 mg/mL
Purity (HPLC)	95.0%
Assay (AAA)	91.0%
Date of manufacture	July 05, 2013

Latest update: August 23, 2016

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