

Analytical Data Sheet

Lot number **1066457**
not for drug use

Catalog number H-8186.1000
Product number 4085314.1000
Product (β - 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- Asp(Gly- Gly- Pro- Ser-
 Ser- Gly- Ala- Pro- Pro- Pro- Ser- NH₂) - OH
 trifluoroacetate salt
Molecular formula C₁₈₄H₂₈₁N₄₉O₆₁S
Relative molecular mass 4187.62

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 4187.38u
Amino acid analysis	Asx 2.1 (2) Gly 5.3 (5) Leu 2.6 (3) Arg 1.2 (1) Thr 1.8 (2) Ala 2.1 (2) Phe 1.7 (2) Ser* 4.2 (5) Val 1.0 (1) His 1.1 (1) Glx 5.7 (6) Met* 0.8 (1) Lys 2.2 (2) Pro 4.2 (4) Ile 0.9 (1) Trp* 0.4 (1) * partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% TFA in acetonitrile / water at 1 mg/mL
Purity (HPLC)	92.6%
Assay (AAA)	95.7%
Date of manufacture	July 05, 2013

Latest update: August 23, 2016

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