

Analytical Data Sheet

Lot number **1068187**
not for drug use

Catalog number H-8188.0100
Product number 4085315.0100
Product (β - 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) - OH
 trifluoroacetate salt
Molecular formula C₁₈₄H₂₈₁N₄₉O₆₁S
Relative molecular mass 4187.62

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4188.55
Amino acid analysis	Asx 2.12 (2) Gly 5.16 (5) Leu 2.72 (3) Arg 0.98 (1) Thr 2.02 (2) Ala 2.13 (2) Phe 1.73 (2) Ser 4.84 (5) Val 1.00 (1) His 1.06 (1) Glx 6.09 (6) Met* 0.84 (1) Lys 2.14 (2) Pro 3.98 (4) Ile 0.91 (1) Trp* 0.49 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	96.3%
Assay (AAA)	72.9%

Latest update: October 13, 2016

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