

Analytical Data Sheet

Lot number **1056709**
not for drug use

Catalog number H-7486.0100
Product number 4072221.0100
Product (Des- Gly²) - Exenatide trifluoroacetate salt
 H- His- 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- Asn- Gly- Gly- Pro- Ser- Ser-
 Gly- Ala- Pro- Pro- Pro- Ser- NH₂ trifluoroacetate salt
Molecular formula C₁₈₂H₂₇₉N₄₉O₅₉S
Relative molecular mass 4129.58

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4129.25
Amino acid analysis	Asx 2.16 (2) Gly 4.12 (4) Leu 2.66 (3) Arg 1.02 (1) Thr 1.92 (2) Ala 2.11 (2) Phe 1.72 (2) Ser 4.63 (5) Val 0.97 (1) His 1.10 (1) Glx 5.88 (6) Met* 0.70 (1) Lys 2.15 (2) Pro 4.23 (4) Ile 0.88 (1) Trp 0.95 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water
Purity (HPLC)	>95%
Assay (AAA)	85.7%
Date of manufacture	February 24, 2014