

Analytical Data Sheet

Lot number **1061838**
not for drug use

Catalog number H-7486.1000
Product number 4072221.1000
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)	4129.76
Amino acid analysis	Asx 2.11 (2) Gly 4.18 (4) Leu 2.93 (3) Arg 0.72 (1) Thr 2.04 (2) Ala 2.12 (2) Phe 1.87 (2) Ser 5.00 (5) Val 0.71 (1) His 1.04 (1) Glx 6.22 (6) Met 0.92 (1) Lys 2.11 (2) Pro 4.22 (4) Ile 0.78 (1) Trp* 0.78 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.0%
Assay (elemental analysis)	79.6% (N _{th} 16.62%; N _{fd} 13.23%)
Water content (KF volumetric)	5.7%
Date of manufacture	September 24, 2015

Latest update: October 14, 2015

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