

Analytical Data Sheet

Lot number **1062305**
not for drug use

Catalog number **H-7544.0100**
Product number **4095258.0100**
Product **(Glu⁹) - Exenatide (2- 39) trifluoroacetate salt**
H- Gly- Glu- Gly- Thr- Phe- Thr- Ser- Glu- 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 **C₁₇₉H₂₇₇N₄₇O₅₉S**
Relative molecular mass **4063.52**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4063.11
Amino acid analysis	Asx 1.04 (1) Gly 5.12 (5) Leu 2.82 (3) Thr 1.94 (2) Ala 2.05 (2) Phe 1.84 (2) Ser 4.71 (5) Val 0.90 (1) Lys 2.10 (2) Glx 7.19 (7) Met 0.90 (1) Trp* 0.74 (1) Pro 4.08 (4) Ile 0.89 (1) Arg 0.97 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	95.1%
Assay (AAA)	83.2%
Date of manufacture	September 01, 2015

Latest update: October 20, 2015

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