

Analytical Data Sheet

Lot number **1061581**
not for drug use

Catalog number **H-7488.0500**
Product number **4072222.0500**
Product **Acetyl- Exenatide trifluoroacetate salt**
Ac- 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- Asn- Gly- Gly- Pro- Ser- Ser- Gly- Ala- Pro- Pro- Pro- Ser- NH₂ trifluoroacetate salt
Molecular formula **C₁₈₆H₂₈₄N₅₀O₆₁S**
Relative molecular mass **4228.67**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	4228.77
Amino acid analysis	Asx 2.03 (2) Gly 5.14 (5) Leu 2.76 (3) Arg 0.99 (1) Thr 1.89 (2) Ala 2.12 (2) Phe 1.86 (2) Ser* 4.37 (5) Val 0.98 (1) His 1.07 (1) Glx 5.89 (6) Met* 0.80 (1) Lys 2.19 (2) Pro 4.04 (4) Ile 0.92 (1) Trp* 0.79 (1) *Partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% TFA in acetonitrile / water
Purity (HPLC)	>95%
Assay (AAA)	91.1%
Date of manufacture	April 03, 2014

Latest update: September 25, 2015

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