

Analytical Data Sheet

Lot number **1000019927**
not for drug use

Catalog number H-8264.1000
Product number 4079056.1000
Product (Asp²⁸) - Glucagon (1- 29) (human, rat, porcine) trifluoroacetate salt
 H- His- Ser- Gln- Gly- Thr- Phe- Thr- Ser- Asp- Tyr- Ser- Lys- Tyr- Leu- Asp- Ser- Arg- Arg- Ala- Gln- Asp- Phe- Val- Gln- Trp- Leu- Met- Asp- Thr- OH trifluoroacetate salt
Molecular formula C₁₅₃H₂₂₄N₄₂O₅₀S
Relative molecular mass 3483.78

Tests	Results
Appearance	white powder without visible impurities
Appearance of solution	clear, colorless solution (1 mg/mL in 0.01 M HCl) clear, colorless solution (1 mg/mL in 1% AcOH)
Identification (ESI-MS)	m = 3482.0u (monoisotopic mass)
Identification (ESI-MS/MS)	The detected fragment ions masses are in good agreement with the theoretical ones and full sequence coverage was obtained. Thus, the acquired data confirm the proposed amino acid sequence.
Purity (HPLC)	95.8%
Assay (elemental analysis)	80.6%(Nth 16.89%; Nfd 13.61%)

Latest update: August 07, 2019

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