

Analytical Data Sheet

Lot number **1000030255**
not for drug use

Catalog number H-8262.1000
Product number 4079055.1000
Product (Glu²⁰) - 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- Glu- Asp- Phe- Val- Gln- Trp- Leu- Met- Asn- Thr- OH trifluoroacetate salt
Molecular formula C₁₅₃H₂₂₄N₄₂O₅₀S
Relative molecular mass 3483.78

Tests	Results
Appearance	white powder
Appearance of solution	colorless and turbid (8 mg/mL in 0.1M HCl)* colorless and turbid (10 mg/mL in 0.01M HCl)* * not completely solved, contains visible particles, probably gelled
Identification (ESI-MS)	m = 3481.6u (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)	97.3%
Assay (elemental analysis)	84.9% (Nth 16.89%, Nfd 14.35%)
Date of manufacture	January 23, 2017

Latest update: March 19, 2020

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