

## Analytical Data Sheet

Lot number **1000025116**  
not for drug use

Catalog number **H-6156.1000**  
Product number **4045345.1000**  
Product **(Des- Thr<sup>5</sup>) - Glucagon trifluoroacetate salt**  
H- His- Ser- Gln- Gly- Phe- Thr- Ser- Asp- Tyr- Ser- Lys-  
Tyr- Leu- Asp- Ser- Arg- Arg- Ala- Gln- Asp- Phe- Val-  
Gln- Trp- Leu- Met- Asn- Thr- OH trifluoroacetate salt  
Molecular formula  $C_{149}H_{218}N_{42}O_{47}S$   
Relative molecular mass 3381.69

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in water)
Identification (ESI-MS)	m = 3381.7u (average 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)	93.4% (USP)
Assay (elemental analysis)	80.5% (Nth 17.40%; Nfd 14.01%)
Date of manufacture	August 21, 2007

Latest update: November 25, 2019

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