

## Analytical Data Sheet

Lot number

**1073941**

not for drug use

Catalog number

**H-7754.0500**

Product number

**4088814.0500**

Product

**Glucagon (1- 29) (human, rat, porcine) acetate 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- Asn- Thr- OH acetate salt

Molecular formula

$C_{153}H_{225}N_{43}O_{49}S$

Relative molecular mass

3482.80

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3482.79
Amino acid analysis	Asx 4.07 (4) Ala 0.98 (1) Phe 1.86 (2) Thr 2.87 (3) Val 0.99 (1) His 1.08 (1) Ser* 3.58 (4) Met* 0.51 (1) Lys 1.04 (1) Glx 3.04 (3) Leu 1.97 (2) Trp* 0.40 (1) Gly 1.00 (1) Tyr 1.95 (2) Arg 2.03 (2)  *Partially destroyed during acid hydrolysis
Solubility	insoluble in water at 1mg/mL insoluble in DMF at 1mg/mL soluble in 50% Acetic acid at 1mg/mL
Purity (HPLC)	96.4%
Assay (AAA)	98.4%

Latest update: February 21, 2018

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