

Analytical Data Sheet

Lot number **1000002160**
not for drug use

Catalog number H-6790.0005
Product number 4033017.0005
Product **Glucagon (1- 29) (human, rat, porcine)**
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
Molecular formula $C_{153}H_{225}N_{43}O_{49}S$
Relative molecular mass 3482.80

| Tests | Results |
|-----------------------------------|---|
| Appearance | white powder |
| Appearance of solution | clear, colorless solution (5 mg/mL in 0.1N HCl) |
| Amino acid analysis | Ala 1.1 Val 0.9 Thr 2.9 Asx 4.1 Arg 2.2 Tyr 2.0 Gly 1.0 Glx 2.9 Lys 1.0 Met 1.0 His 1.0 Trp det. Ser 3.5 Phe 1.9 Leu 2.0 molar ratio (Leu = 2.0) |
| Purity (HPLC) | 99.0% (TFA) |
| Assay (elemental analysis) | 96.6% (Nth 17.29%, Nfd 16.70%) |
| General comment | supplied as hydrochloride salt |

Latest update: July 05, 2018

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