

## Analytical Data Sheet

<b>Lot number</b>	<b>1000049096</b> not for drug use
<b>Product</b>	<b>(Asp<sup>28</sup>)-Glucagon (1-29) (human, rat, porcine) trifluoroacetate salt</b> 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
<b>Product number</b>	<b>4079056.0500</b>
<b>Molecular formula</b>	C <sub>153</sub> H <sub>224</sub> N <sub>42</sub> O <sub>50</sub> S
<b>Relative molecular mass</b>	3483.78

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder without visible impurities
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in 0.01 M HCl) clear, colorless solution (1 mg/mL in 1% AcOH)
<b>Identification (ESI-MS)</b>	m= 3482.0 u(monoisotopic mass)
<b>Identification (ESI-MS/MS)</b>	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.
<b>Purity (HPLC)</b>	95.8%
<b>Assay (elemental analysis)</b>	80.6% (Nth 16.89%; Nfd 13.61%)

Latest update: July 06, 2021

**Analytical Data Sheet**  
Lot number **1000049096**