

## Analytical Data Sheet

Lot number	1000051017 not for drug use
Catalog number	H-8262.1000
Product	(Glu <sup>29</sup> )-Glucagon (1-29) (human, rat, porcine) trifluoroacetate salt
Product number	4079055.1000
Molecular formula (net)	C <sub>153</sub> H <sub>224</sub> N <sub>42</sub> O <sub>50</sub> S
Molecular mass (average)	3483.8

Tests	Results
Components	
<b>Appearance</b>	
Color	white
Physical form	powder
Visible impurities	none
<b>Appearance of solution</b>	
Clarity	turbid
Color of solution	colorless
Visible impurities	not completely solved, contains visible particles, probably gelled
Solvent and concentration	8 mg/mL in 0.1 M HCl
<b>Identification (ESI-MS)</b>	
Monoisotopic mass	3481.6 u
<b>Identification (ESI-MS/MS)</b>	
Identification	complies
<b>Purity (HPLC)</b>	
Purity	97.3% (TEAP)
<b>Assay (elemental analysis)</b>	
Assay (EA, as is)	85.0%

**Bachem AG**  
Hauptstrasse 144  
4416 Bubendorf  
Switzerland  
Tel.: +41 58 595 2021

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<b>Catalog number</b>	<b>H-8262.1000</b>
<b>Product</b>	(Glu <sup>20</sup> )-Glucagon (1-29) (human, rat, porcine) trifluoroacetate salt

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This Analytical Data Sheet is based on reviewed analytical data and is valid without handwritten signatures.

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Date created: August 11, 2021