

**CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	Semaglutide
<b>Sequence</b>	His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-N6-[N-(17-carboxy-1-oxoheptadecyl)-L-alpha-glutamyl[2-(2-aminoethoxy)ethoxy] acetyl[2-(2-aminoethoxy)ethoxy]acetyl]-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH
<b>Dissolution condition</b>	100%H2O
<b>Length</b>	31AA
<b>Modification</b>	sodium salt
<b>Molecular Weight (MW)</b>	4113.64
<b>Salt content type</b>	sodium salt
<b>Storage</b>	-20°C

<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>
<b>MW by MS</b>	4113.75	Conforms
<b>Purity by HPLC</b>	>99%	99.324%
<b>Peptide Content</b>	N/A	N/A
<b>Moisture content</b>	N/A	N/A
<b>Acetic acid content</b>	N/A	N/A
<b>Appearance</b>	White to off-white lyophilized powder	Conforms
<b>Quantity</b>	50mg	50.0mg

Certified by: \_\_\_\_\_ Date 05/07/2024

Quality Assurance Department

**Note: this product is intended for research use only; not for diagnostic or human use.**