

CERTIFICATE OF ANALYSIS

Product Name:	Semaglutide	CAS Number:	910463-68-2
Molecular Formula:	C ₁₈₇ H ₂₉₁ N ₄₅ O ₅₉	Molecular Weight:	4111.19
Quantity:	2 mg	Date of Analysis:	2024-12-22
Storage:	Cool, dry place	Retest Date:	2026-12-22

Sequence:	H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(C18diacid-γ-Glu-OEG-OEG)]-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH
------------------	--

Tests	Specifications	Results
Appearance	White powder	Conforms
Purity (HPLC)	≥98.0%	99.8%
Acetate Content (HPLC)	N/A	N/A
Peptide Content (N%)	≥80.0%	84.7%
Water Content (Karl Fischer)	N/A	N/A
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	Complies with the manufacturer's standard.
--------------------	--

DISCLAIMER:

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
- 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.