



Certificate of Analysis			
Product Name	Semaglutide	Catalog No.	
CAS. No.	910463-68-2	Batch No.	20230306
Manufacturing Date	20230301	Retest Date	20250301
Sequence: H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-GIn-Ala-Ala-Lys[N-z-AEEA-AEEA-γ-Glu(N-17-carboxyheptadecanoyl)]-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH			
Test		Specification	Result
1	Appearance	White or almost white powder	white powder
2	Molecular	4113.6 ± 2	4113.67
3	Purity (HPLC)	$\geq 98.0\%$	98.1%
4	Related substances (HPLC)	Total impurities: $\leq 2.0\%$	1.9%
		Maximum single impurity: $\leq 1.0\%$	1.0%
5	Water Content (Karl Fischer)	$\leq 8.0\%$	7.7%
6	Acetonitrile	NTM 410 ppm	315 ppm
7	Peptide content	$\geq 80.0\%$	90.67%
8	Host Cell Protein	$\leq 0.01\%$	Conforms
9	Host Cell DNA	$\leq 10.0 \text{ ng/mg}$	Conforms
10	Endotoxin content	$\leq 10 \text{ IU/mg}$	Conforms
11	Total plate count	$\leq 100 \text{ CFU/g}$	Conforms
Storage in an air tight container, protected from light at a temperature of 2-8 °C.			

Remark: It is only supplied as chemical product, not for use in humans or animals, not for drug use or diagnosis. Purchaser must determine the suitability of the product for its particular use. The values given in the 'Certificate of Analysis' are the results determined at the time of analysis.

Reported by/ Date: 费超 2023.03.07

Received by/ Date: 费超 2023.03.07

Approved by/ Date: 费超 2023.03.07

