

Certificate of Analysis

Product Name	Semaglutide, sodium salt	Batch No.	M23X08161
CAS No.	910463-68-2 (free peptide)	MFG. Date	Aug 16, 2023
CAT No.	A000691 (free peptide)	Retest Date	Aug, 2025
Items	Specification	Results	
Appearance	White powder	Conforms	
Purity (HPLC)	≥ 98.0%	99.68%	
MS	4113.6±1.0	4114.5	
Solubility	Soluble in water	Conforms	
Sodium ion	≤ 2.0%	1.7%	
Water content (KF)	≤ 8.0%	4.3%	
Trifluoroacetate	< 0.5%	N.D	
Acetic acid	< 0.5%	N.D	
Endotoxins	< 10IU/mg	< 7 IU/mg	
pH	6.0~9.0 (50mg/ml)	7.2	
Peptide content (N%)	≥ 85.0%	93.6%	
Assay	97.0%-103.0%	99.6%	
Residual solvent			
Acetonitrile	≤ 410 ppm	20 ppm	
N,N-Dimethylformamide	≤ 880 ppm	N.D	
DCM	≤ 600 ppm	N.D	
Conclusion	Corresponds.		
Storage Condition	Short-term storage: 2-8 °C Long-term storage: -20 °C		

QC:

Alex Foster

QA:

Felix Hobart