

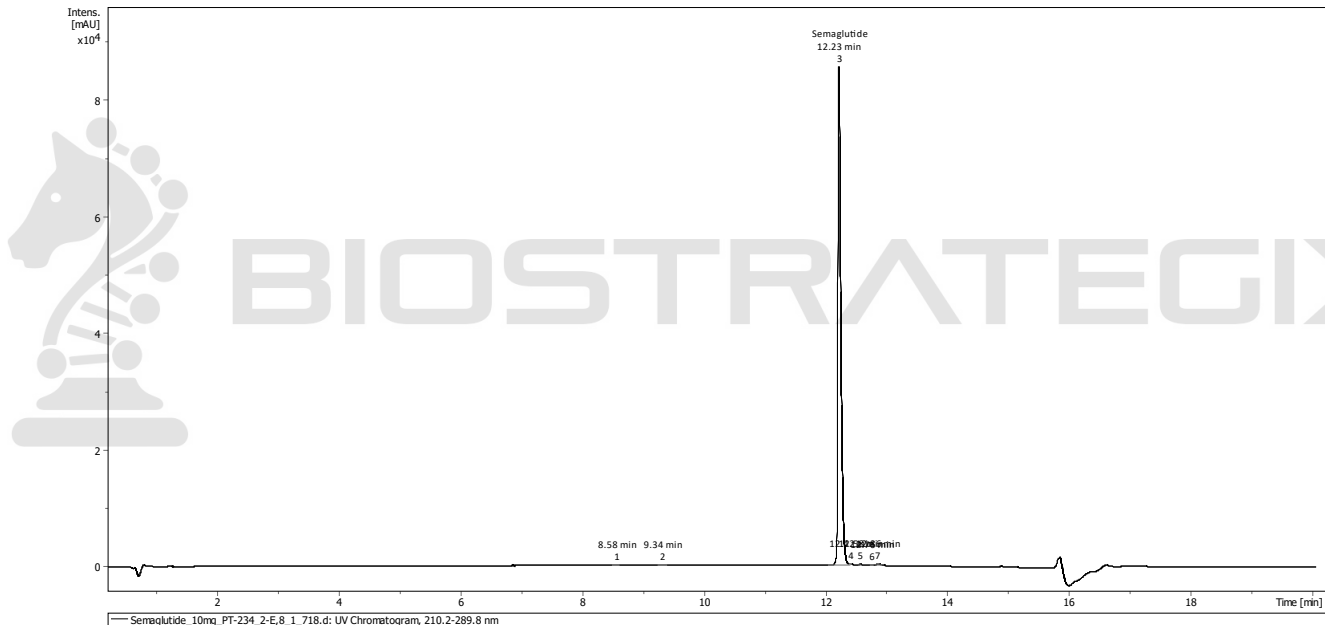
Certificate of Analysis

Semaglutide 10 mg

Compound : Semaglutide
Lot number : PT-234
Analysis date : 2024-02-26
Purity % : 99.57%
Quantity : 12.07 mg
Method : HPLC-UV-MS

Client : Biostrategix
<https://biostrategix.com/>

PubChem CID: 56843331
<https://pubchem.ncbi.nlm.nih.gov/compound/56843331>




PEAK LIST				Number of detected peaks: 7	
	Time (min)	Area	%Area		
1	8.58	9.29E+01	0.03		
2	9.34	2.31E+02	0.07		
3	12.23	3.09E+05	99.57	Semaglutide	
4	12.42	9.75E+01	0.03		
5	12.58	7.51E+01	0.02		
6	12.76	1.25E+02	0.04		
7	12.86	7.10E+02	0.23		

Purity determined using HPLC-UV
Peak identity confirmed by mass spectrum evaluation
Expected mass : 4111.12 g
Measured mass : 4110.88 g
Molecular weight confirmed

Quantification by HPLC-UV
Measured quantity : 12.07 mg/vial

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers.
These are not normally detected using UV and are not considered impurities.

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com


2024-02-28