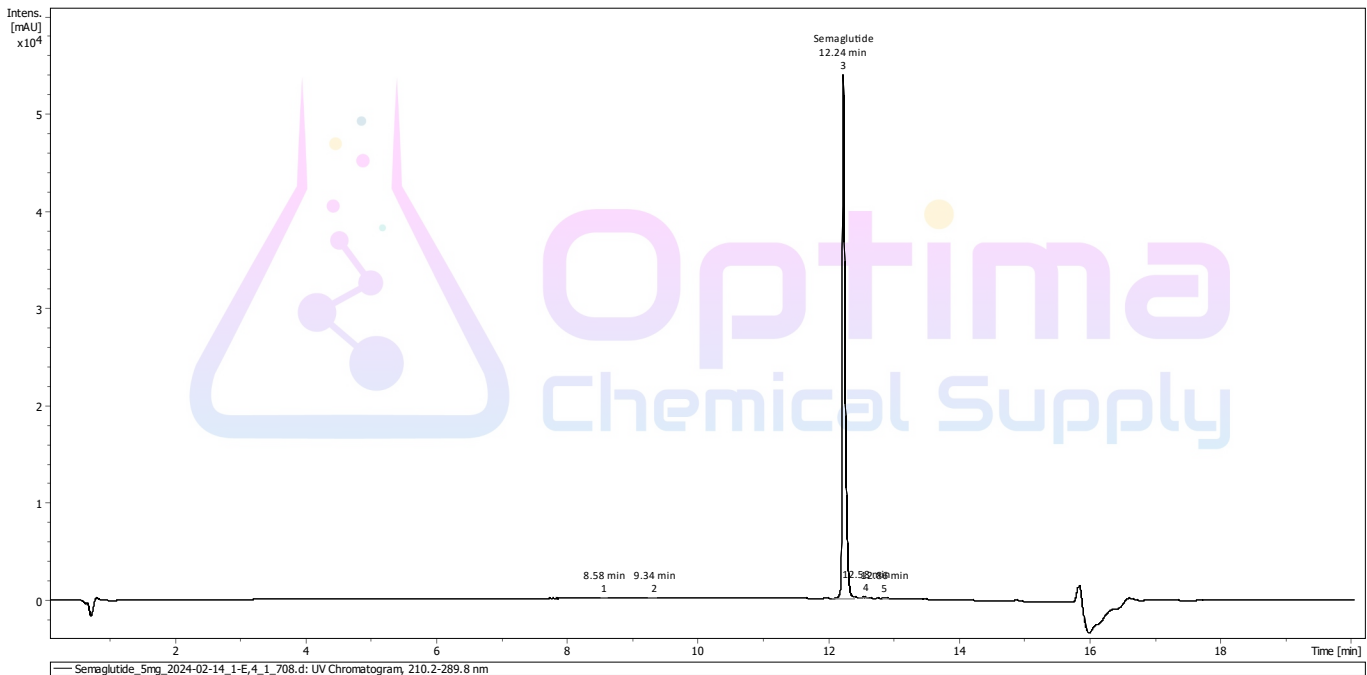


Certificate of Analysis

Semaglutide 5 mg

Compound : Semaglutide **Client** : Optima Chemical Supply Inc.
Lot number : 2024-02-14 <http://www.optimasupply.net/>
Analysis date : 2024-02-23 Support@optimasupply.net
Purity % : 99.51%
Quantity : 5.84 mg
Method : Mass Spectrometry and UV

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




PEAK LIST				Number of detected peaks: 5	
	Time (min)	Area	%Area		
1	8.58	6.74E+01	0.04		
2	9.34	7.10E+01	0.04		
3	12.24	1.65E+05	99.51	Semaglutide	
4	12.58	3.45E+02	0.21		
5	12.86	3.26E+02	0.20		

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 4111.12 g
 Measured mass : 4110.96 g
 Molecular weight confirmed

Quantification by HPLC UV 214 nm
 Measured quantity : 5.84 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
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 Analytical Chemist
 MZ Biolabs
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2024-02-26