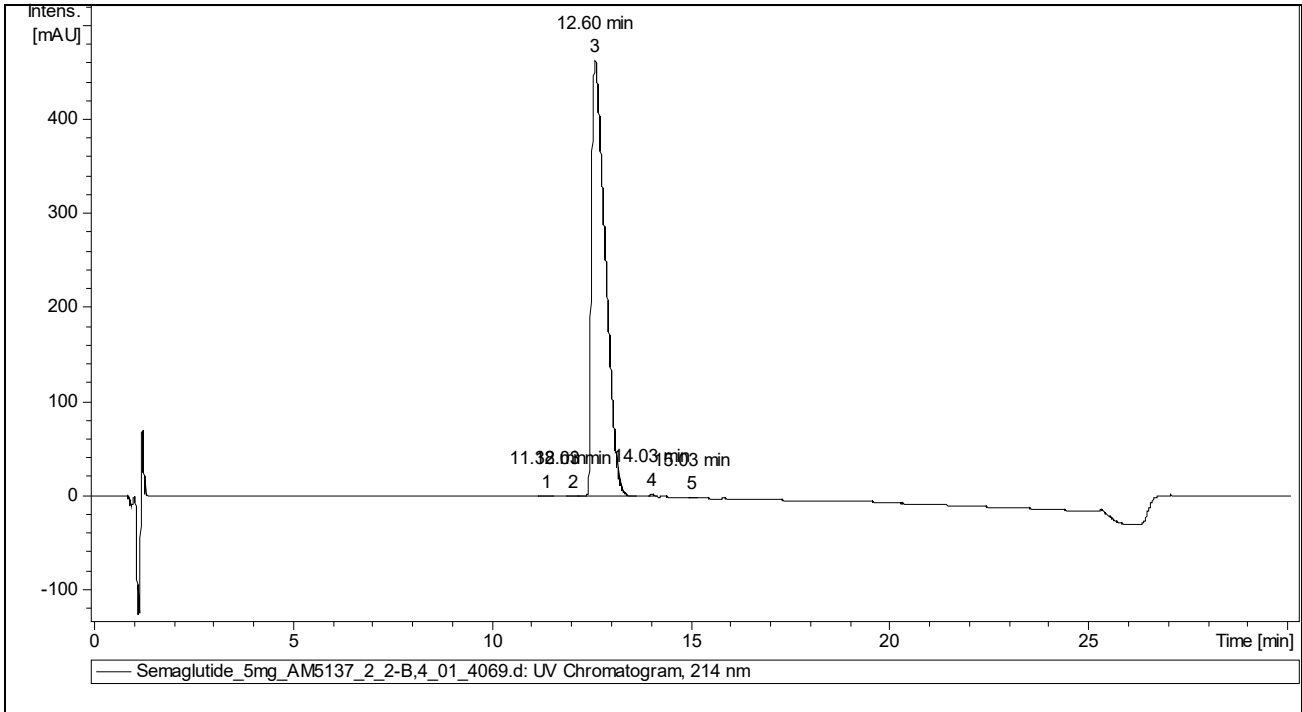


Certificate of Analysis

Semaglutide 5 mg

Compound : Semaglutide **Client** : H.E.S.Peptides Inc
Lot number : AM5137
Analysis date : 2023-09-14
Purity % : 99.6%
Quantity : 5.64 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		
11.38	7.30E+00	0.1		
12.03	9.61E+00	0.1		
12.60	1.11E+04	99.6		Semaglutide
14.03	1.28E+01	0.1		
15.03	9.62E+00	0.1		

Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 4111.12 g
Measured mass : 4111.05 g
Molecular weight confirmed

Quantification by UV 280 nm
Measured quantity : 5.64 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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2023-09-15