



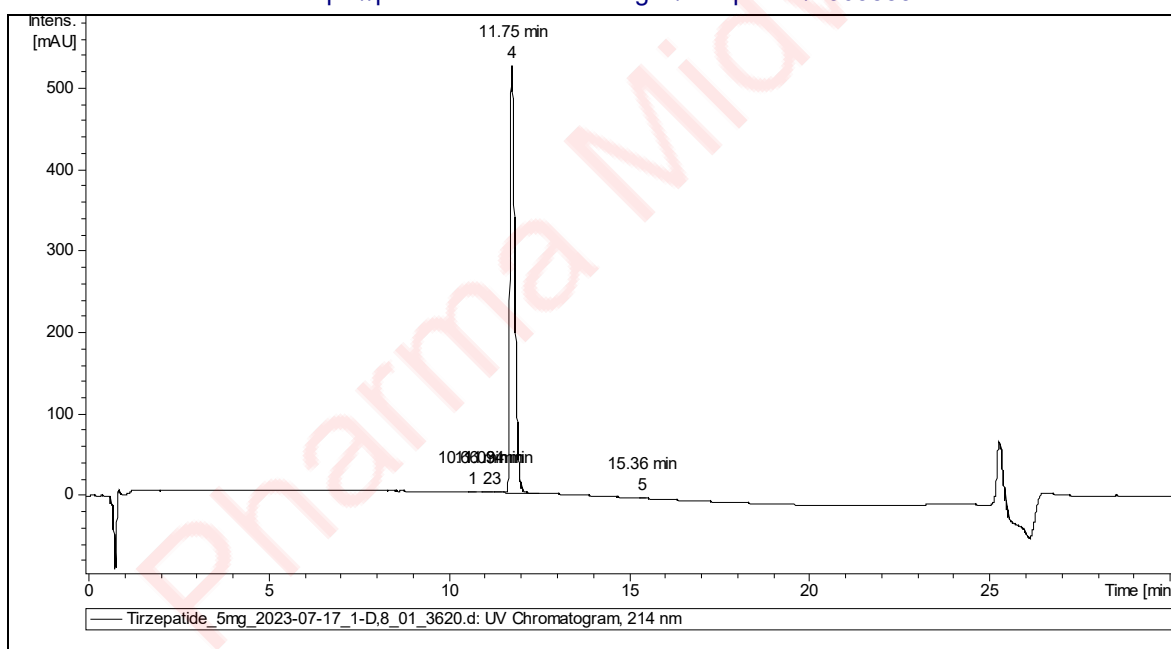
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Certificate of Analysis

Tirzepatide 5 mg

Compound : Tirzepatide **Client** : Pharma Midwest
Lot number : 2023-07-17 <https://pharmamidwest.com/>
Analysis date : 2023-08-10
Purity % : 99.5%
Method : Mass Spectrometry and UV

PubChem CID: 156588324
<https://pubchem.ncbi.nlm.nih.gov/compound/156588324>



PEAK LIST	Number of detected peaks:		
Time (min)	Area	%Area	
10.66	3.67E+00	0.1	
11.09	4.79E+00	0.1	
11.34	6.71E+00	0.1	
11.75	4.88E+03	99.5	Tirzepatide
15.36	7.77E+00	0.2	

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
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Purity determined using UV detection
Peak identity confirmed by mass spectrum evaluation
Expected mass : 4810.52 g
Measured mass : 4810.53 g
Molecular weight confirmed

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.

2023-08-11