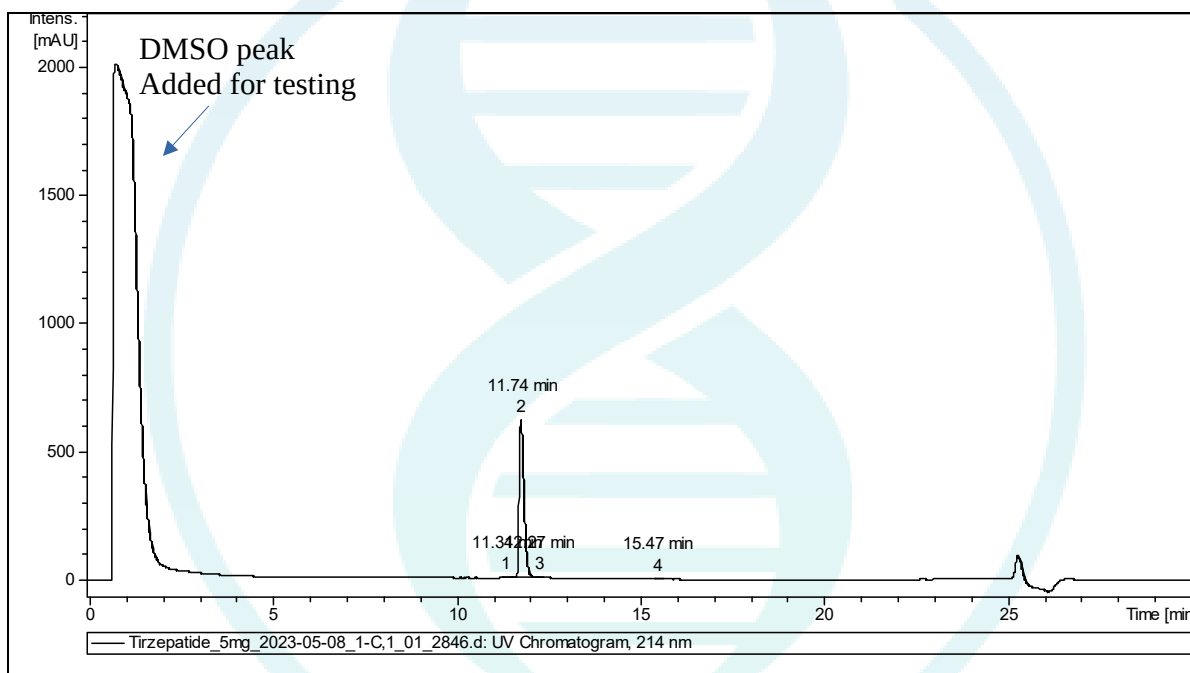


Certificate of Analysis

Tirzepatide 5 mg

Compound : Tirzepatide **Client** : Helix Chemical Supply
Lot number : 2023-05-08 <https://www.helixchem.com>
Analysis date : 2023-05-11
Purity % : 99.2%
Method : Mass Spectrometry and UV

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



PEAK LIST	Number of detected peaks: 4		
Time (min)	Area	%Area	
11.34	1.26E+01	0.2	
11.74	5.60E+03	99.2	Tirzepatide
12.27	4.64E+00	0.1	
15.47	2.74E+01	0.5	

Purity determined using UV detection
 Peak identity confirmed by mass spectrum evaluation
 Expected mass : 4810.52 g
 Measured mass : 4810.49 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.

Analysis Performed by
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 Analytical Chemist
 MZ Biolabs
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2023-05-12