

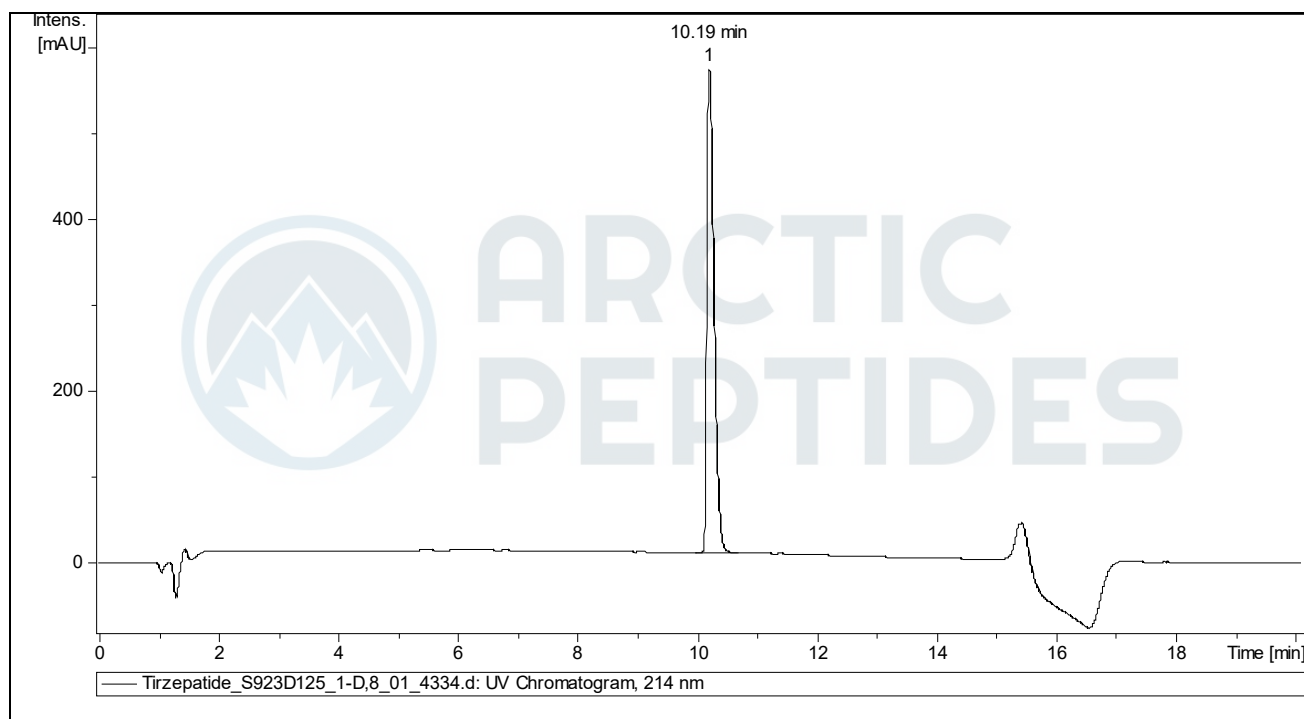
Certificate of Analysis

Tirzepatide

Compound : Tirzepatide **Client** : Arctic Peptides
Lot number : T923D125 www.Arcticpeptides.com
Analysis date : 2023-10-14
Purity % : 99.9%
Quantity : 11.88 mg
Method : Mass Spectrometry and UV

PubChem CID: 156588324

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




PEAK LIST				Number of detected peaks: 1	
Time (min)	Area	%Area			
10.19	4.74E+03	100.0		Tirzepatide	

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

Quantification by HPLC UV 214 nm
Measured quantity : 11.88 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



2023-10-16