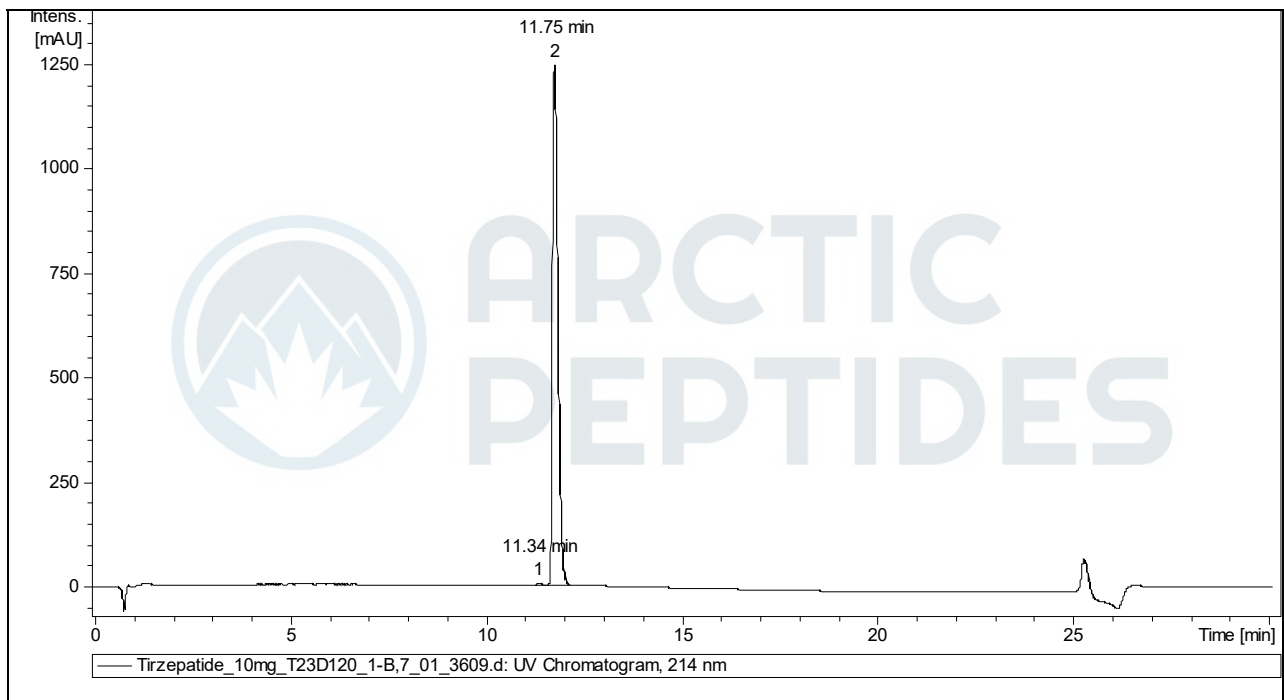


# Certificate of Analysis

## Tirzepatide 10 mg

**Compound** : Tirzepatide **Client** : Arctic Peptides  
**Lot number** : T723D120 **www.Arcticpeptides.com**  
**Analysis date** : 2023-08-11  
**Purity %** : 99.8%  
**Quantity** : 11.50 mg  
**Method** : Mass Spectrometry and UV

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



PEAK LIST Number of detected peaks: 2


Time (min)	Area	%Area	
11.34	2.58E+01	0.2	
<b>11.75</b>	<b>1.22E+04</b>	<b>99.8</b>	<b>Tirzepatide</b>

Purity determined using UV detection  
 Peak identity confirmed by mass spectrum evaluation  
 Expected mass : 4810.52 g  
 Measured mass : 4810.50 g  
 Molecular weight confirmed

Quantification by UV 280 nm  
 Measured quantity : 11.50 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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2023-08-14