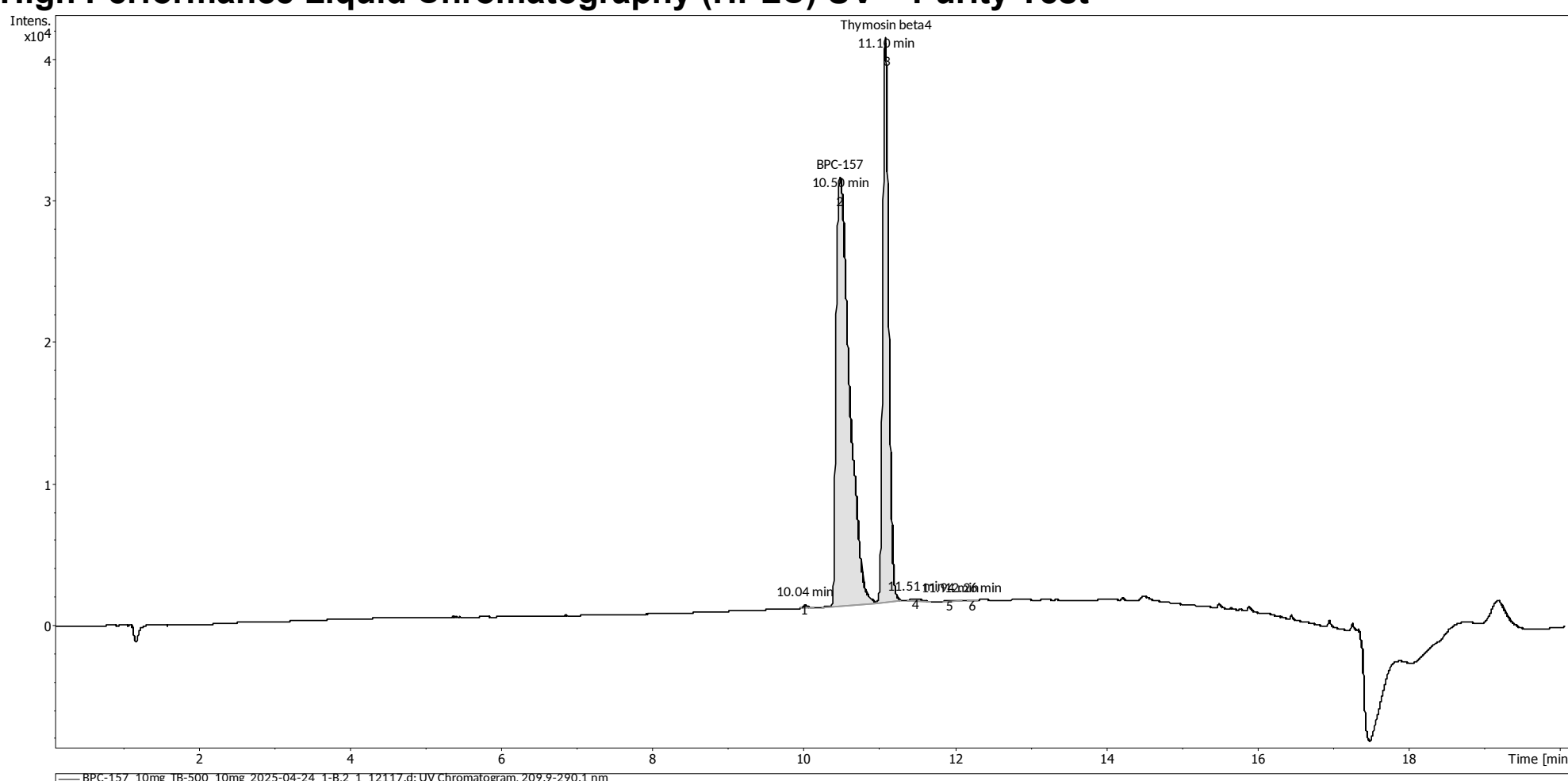


Certificate of Analysis

BPC-157 , Thymosin beta4

Compound : BPC-157, Thymosin beta4 **Client** : West Wellness
Lot number : 2025-04-24 westwellnessatx.com
Analysis date : 2025-05-12
Purity % : 99.44%
BPC-157 : 10.92 mg
Thymosin beta4 : 12.96 mg
Method : HPLC-UV-MS

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 6	
	Time (min)	Area	%Area
1	10.04	8.79E+02	0.15
2	10.50	3.72E+05	62.40
3	11.10	2.21E+05	37.04
4	11.51	1.54E+03	0.26
5	11.94	7.27E+02	0.12
6	12.26	1.74E+02	0.03

Combined Purity 99.44

Quantification by HPLC-UV

BPC-157 measured quantity : 10.92 mg/vial

Thymosin beta4 measured quantity : 12.96 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



2025-05-19

BPC-157 , Thymosin beta4

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

BPC-157 PubChem CID: 9941957

<https://pubchem.ncbi.nlm.nih.gov/compound/9941957>

Expected monoisotopic mass : 1418.70 Da

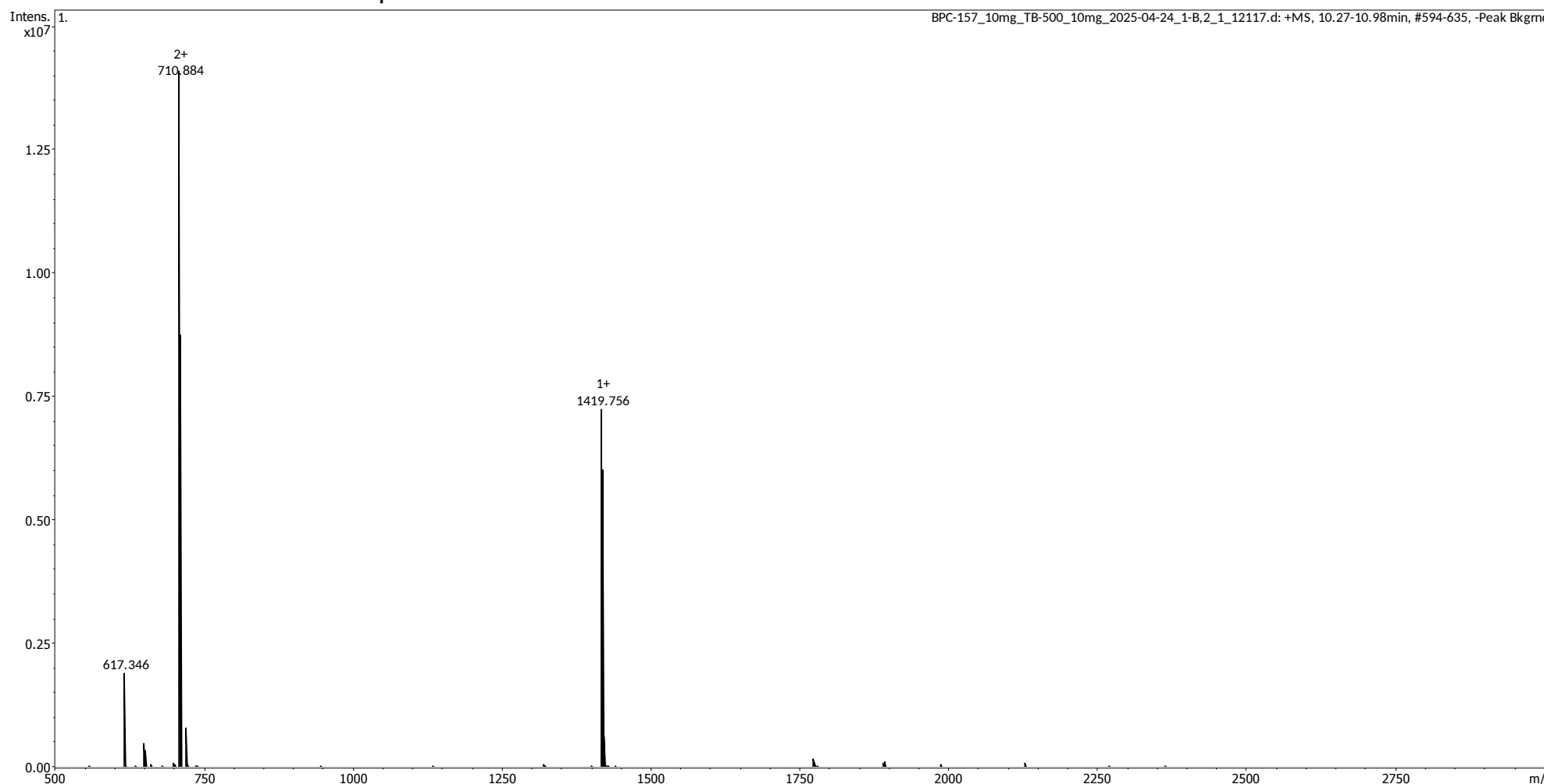
Measured monoisotopic mass : 1418.77 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2025-05-19

BPC-157 , Thymosin beta4

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Thymosin beta4 PubChem CID: 16132341

<https://pubchem.ncbi.nlm.nih.gov/compound/16132341>

Expected monoisotopic mass : 4960.48 Da

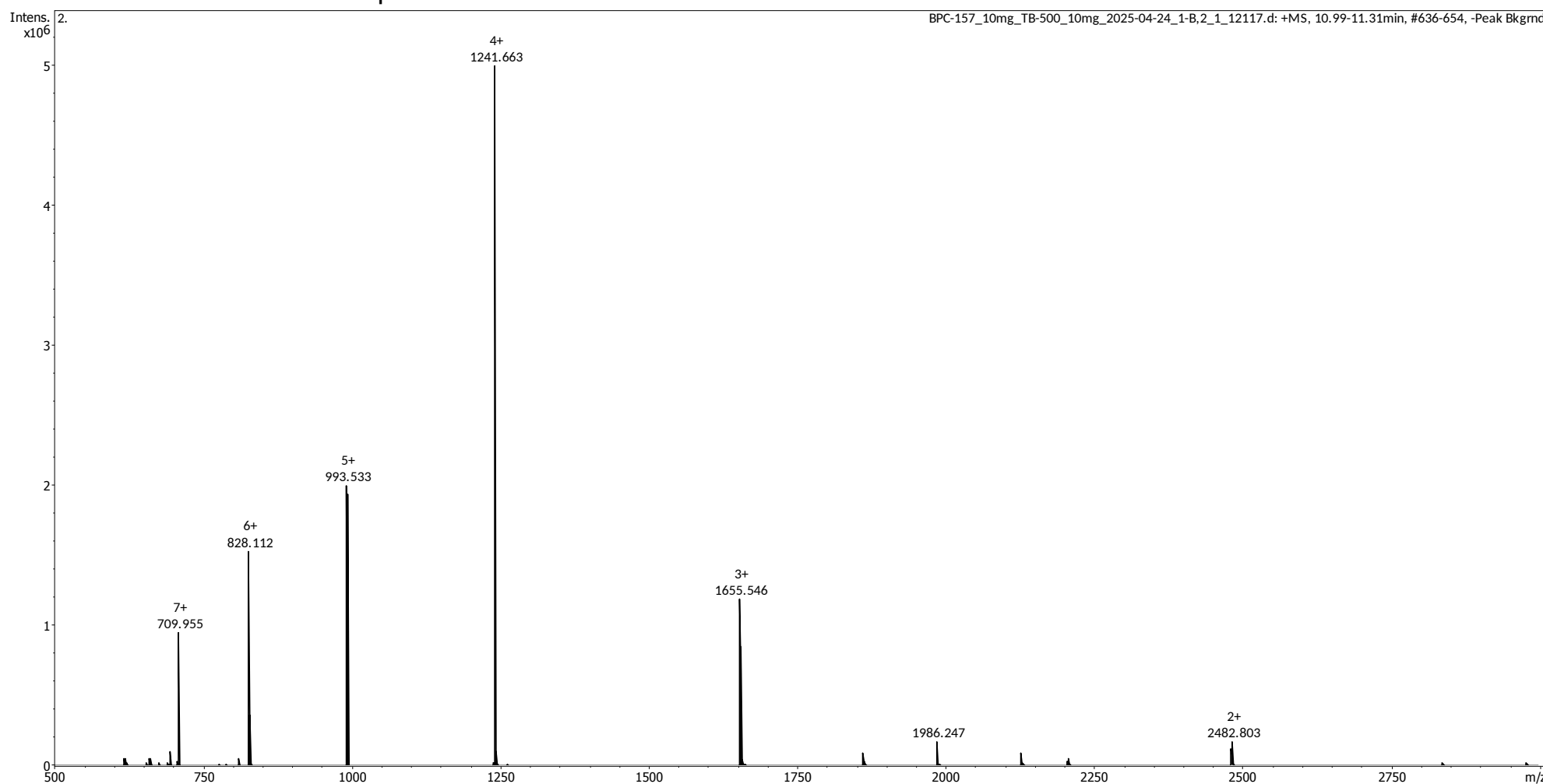
Measured monoisotopic mass : 4960.64 Da

Molecular weight confirmed

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

Recorded MS spectrum



Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com



2025-05-19