



PROOF OF AUTHENTICITY



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Certificate of Analysis

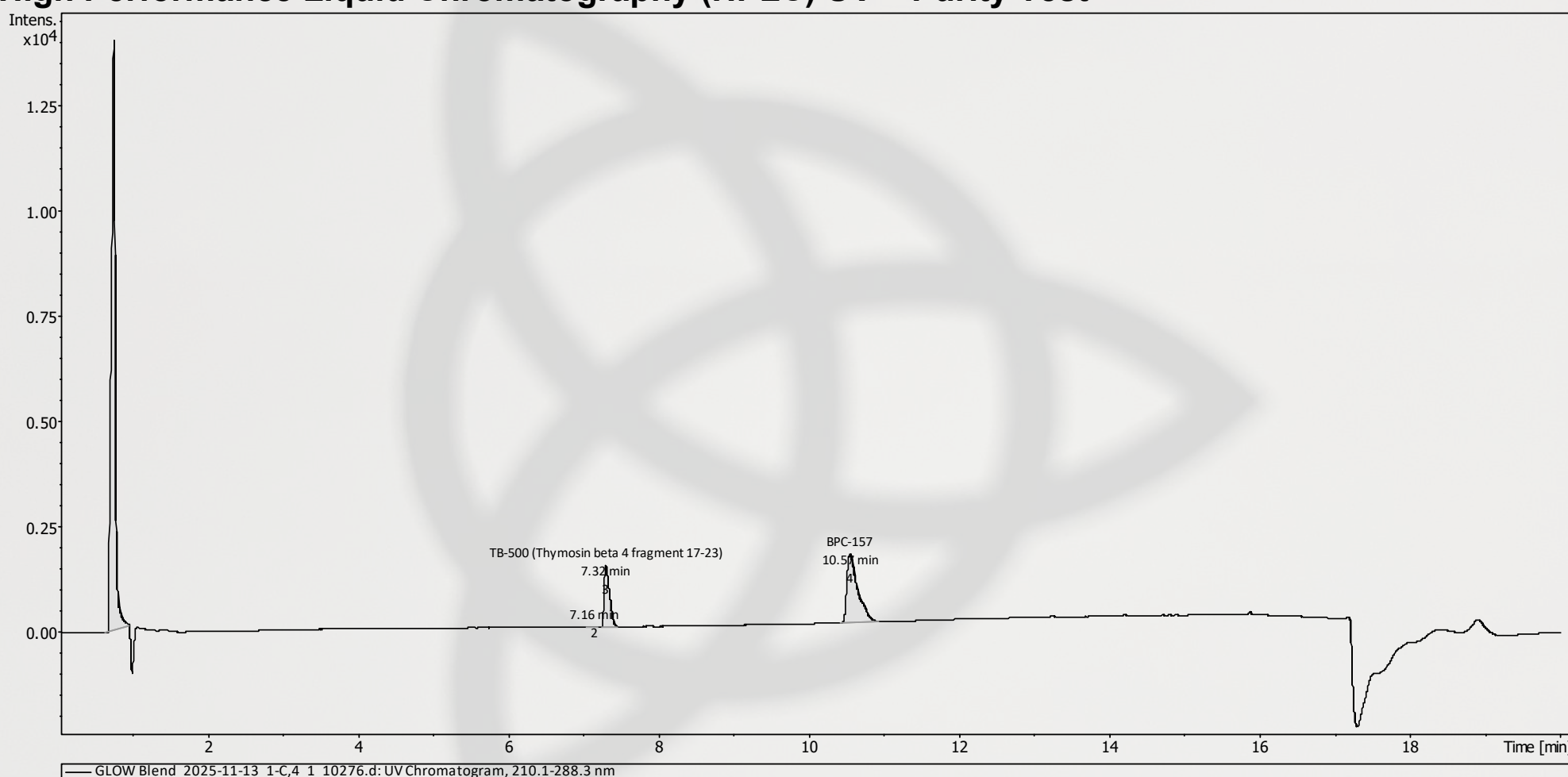
GLOW

Compounds : **GHK-Cu**
BPC-157
TB-500

Client : **Health Peptides LLC**

Lot number : **2025-11-13**
Analysis date : **2025-11-25**
Purity % : **99.95%**
Method : **HPLC-UV-MS**

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 4		
	Time (min)	Area	%Area	
1	0.79	5.08E+04	68.55	GHK-Cu
2	7.16	3.37E+01	0.05	
3	7.32	7.17E+03	9.67	BPC-157
4	10.57	1.61E+04	21.73	TB-500

Overall Purity : **99.95**

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

2025-12-04

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.

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Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

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.

GHK-Cu PubChem CID: 71587328

<https://pubchem.ncbi.nlm.nih.gov/compound/71587328>

Expected monoisotopic mass : 402.10 Da

Measured monoisotopic mass : 402.14 Da

Molecular weight confirmed

GHK-Cu recorded MS spectrum



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Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

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BPC-157 PubChem CID: 9941957

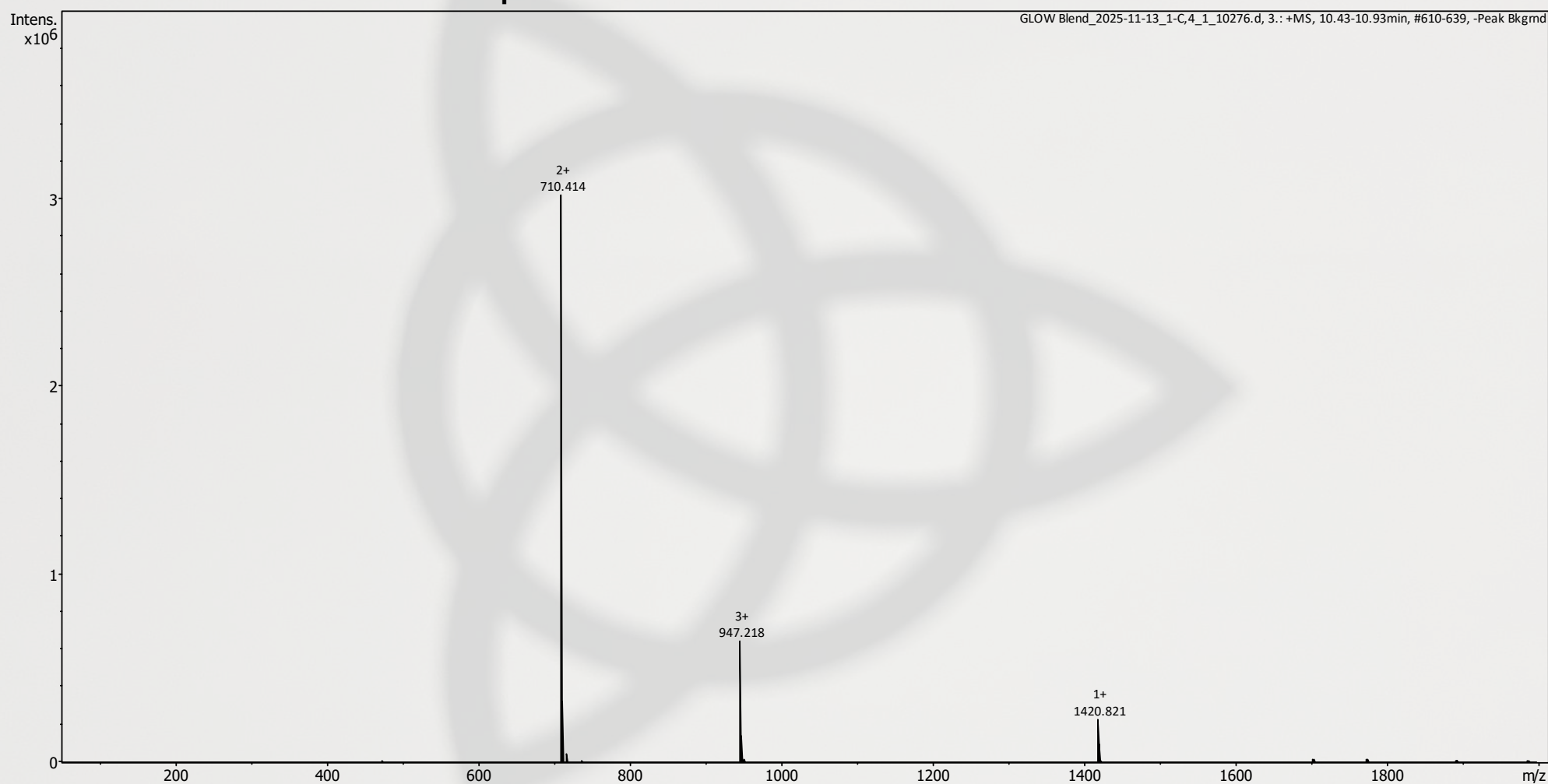
<https://pubchem.ncbi.nlm.nih.gov/compound/9941957>

Expected monoisotopic mass : 1418.70 Da

Measured monoisotopic mass : 1418.82 Da

Molecular weight confirmed

BPC-157 recorded MS spectrum



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GLOW

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

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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.

TB-500 PubChem CID: 62707662

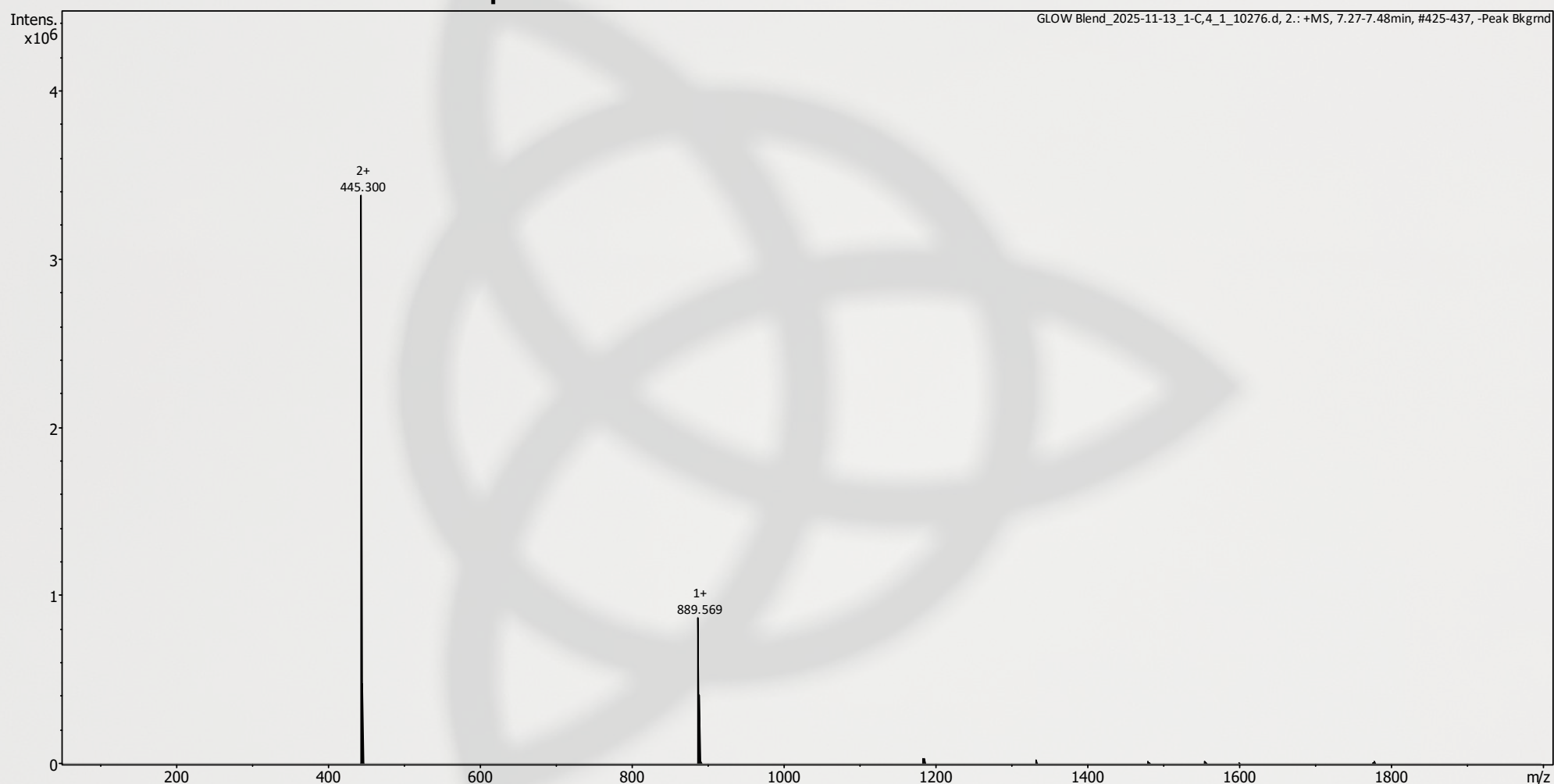
<https://pubchem.ncbi.nlm.nih.gov/compound/62707662>

Expected monoisotopic mass : 888.49 Da

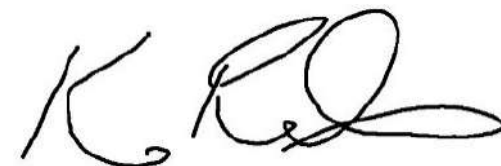
Measured monoisotopic mass : 888.57 Da

Molecular weight confirmed

TB-500 Recorded MS spectrum



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2025-12-04