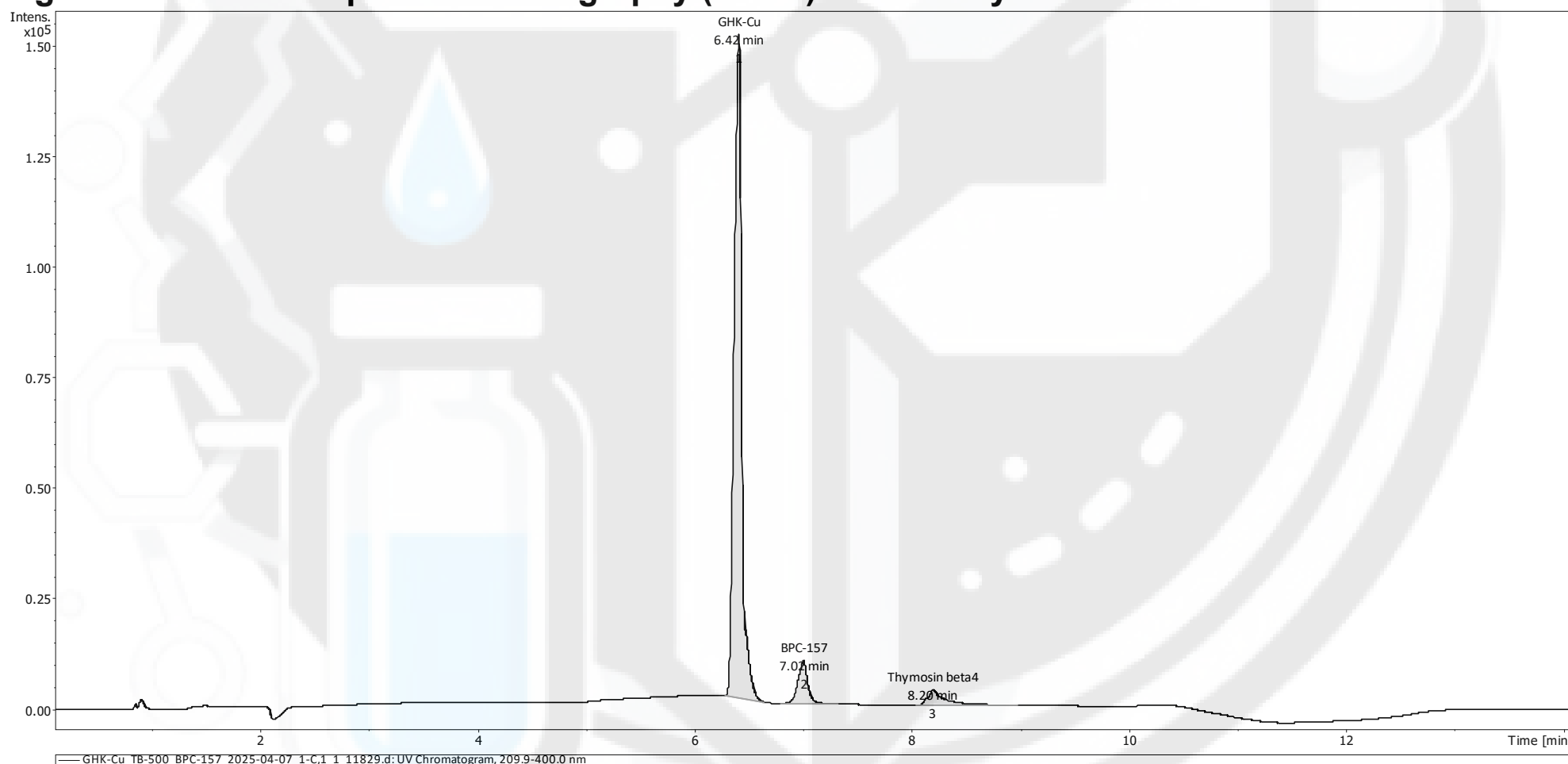


Certificate of Analysis

Glow (GHK-Cu 50mg, BPC-157 10mg, Thymosin beta4 10mg)

Compound : GHK-Cu, BPC-157, Thymosin beta4 **Client** : Transforma Peptides
Lot number : 2025-04-07 www.transformapeptides.com
Analysis date : 2025-05-01
Purity % : 100.00%
GHK Copper : 58.7 mg
BPC-157 : 11.39 mg
Thymosin beta4 : 13.18 mg
Method : HPLC-UV-MS

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 3		
	Time (min)	Area	%Area	
1	6.42	7.43E+05	88.43	GHK-Cu
2	7.02	6.08E+04	7.25	BPC-157
3	8.20	3.62E+04	4.32	Thymosin beta4

Overall Purity : 100.00

The GHK-Copper complex dissociates slightly during HPLC resulting in the small GHK peak immediately after GHK-Cu. This is normal.

Quantification by HPLC-UV

GHK-Cu measured quantity : 58.7 mg/vial

BPC-157 measured quantity : 11.39 mg/vial

Thymosin beta4 measured quantity : 13.18 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



2025-05-09

Glow (GHK-Cu 27 mg, BPC-157 5 mg, Thymosin beta4 10 mg)

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

GHK-Cu PubChem CID: 71587328

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

Expected monoisotopic mass : 402.10 Da

Measured monoisotopic mass : 402.10 Da

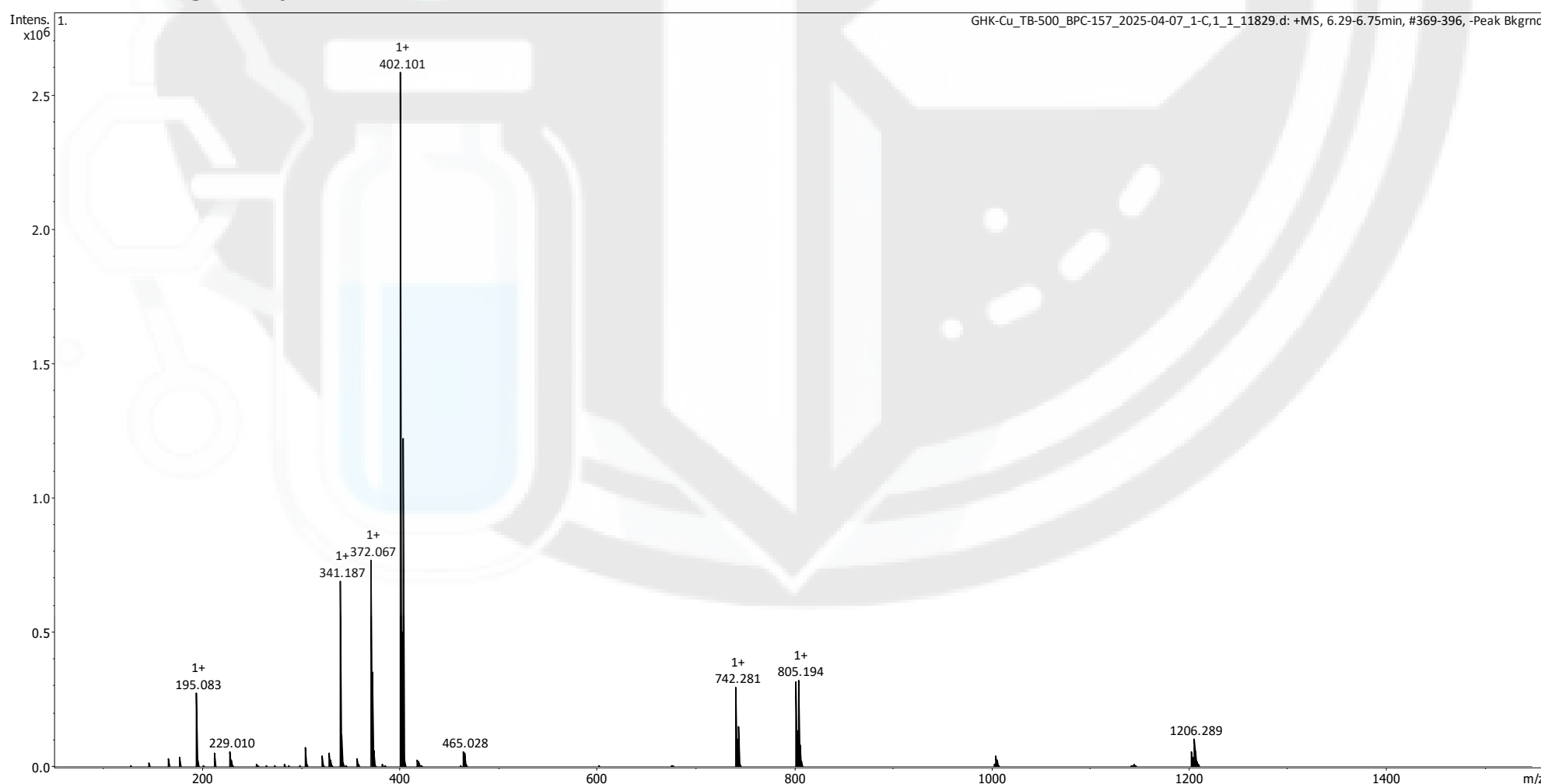
Molecular weight confirmed

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

GHK-Cu



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2025-05-09

Glow (GHK-Cu 27 mg, BPC-157 5 mg, Thymosin beta4 10 mg)

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

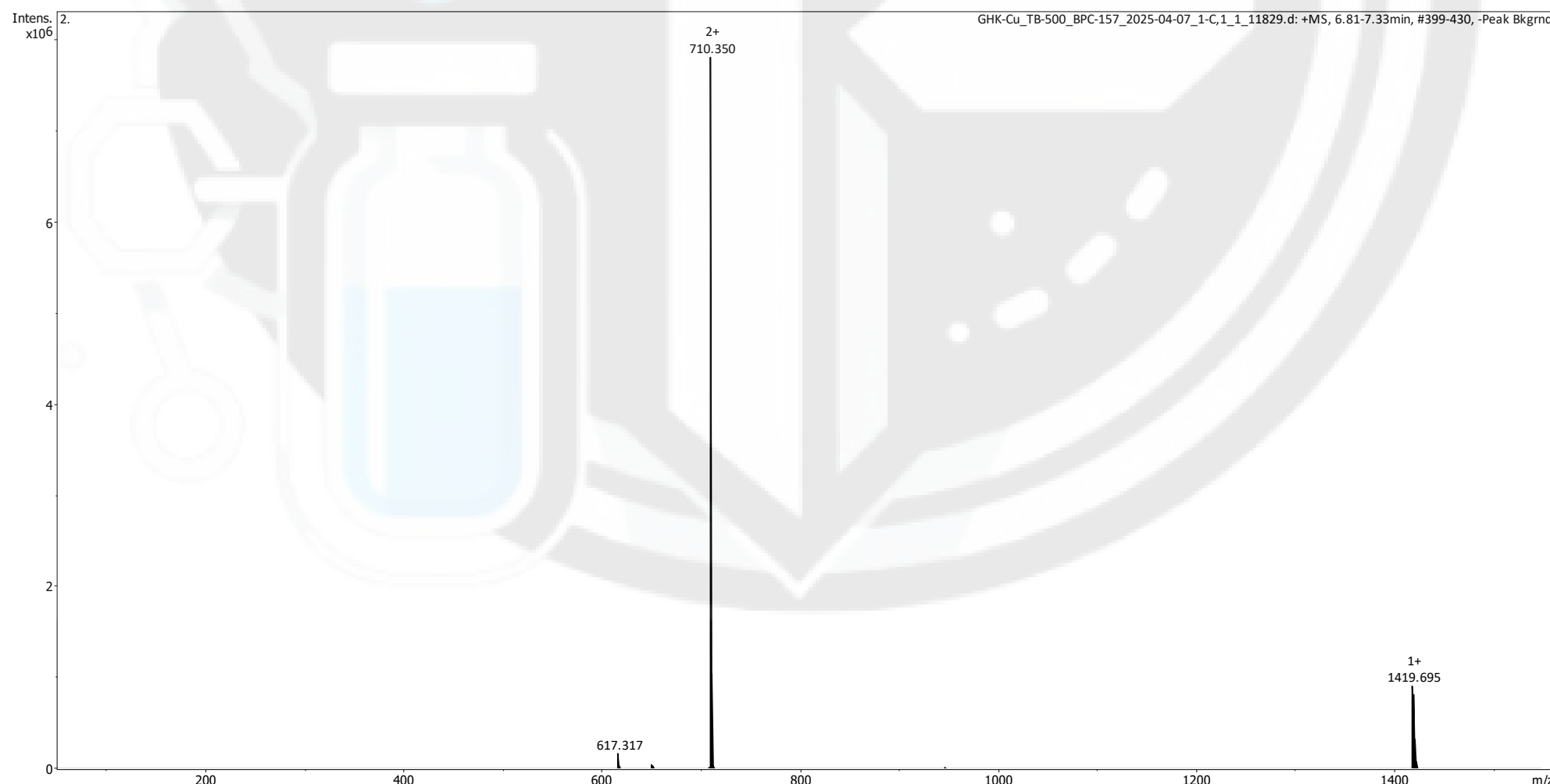
Measured monoisotopic mass : 1418.70 Da

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

BPC-157



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2025-05-09

Glow (GHK-Cu 27 mg, BPC-157 5 mg, Thymosin beta4 10 mg)

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 : 4960.42 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

Thymosin beta4

