MZ Biolabs
2102 N Country Club Rd
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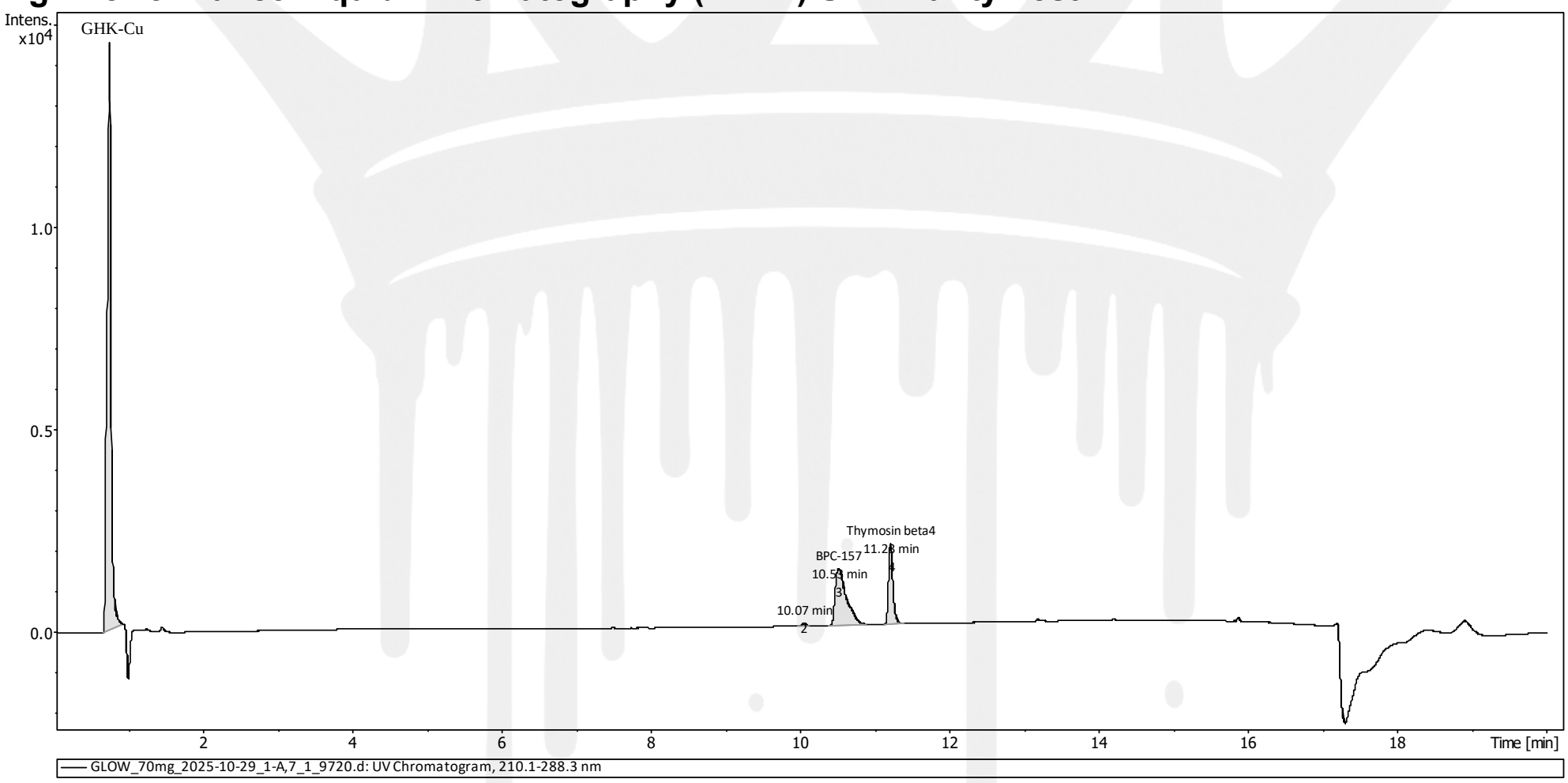
PROOF OF AUTHENTICITY

Certificate of Analysis

Glow (GHK-Cu 50mg, BPC-157 10mg, Thymosin β4 10mg)

Compounds	:	**GHK-Cu, BPC-157, TB4**	**Client :**	**King Reta**
Lot number	:	**2025-10-29**		
Analysis date	:	**2025-08-15**		
Purity %	:	**99.67%**		
GHK Copper	:	**54.1 mg**		
BPC-157	:	**13.27 mg**		
Thymosin β4	:	**12.13 mg**		
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**	**5.35E+04**	**70.08**	**GHK-Cu**
2	10.07	2.50E+02	0.33	
3	**10.53**	**1.46E+04**	**19.08**	**BPC-157**
4	**11.23**	**8.02E+03**	**10.51**	**Thymosin β4**

Overall Purity : 99.67

Quantification by HPLC-UV
GHK-Cu measured quantity : 54.1 mg/vial
BPC-157 measured quantity : 13.27 mg/vial
Thymosin β4 measured quantity : 12.13 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
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2025-11-14

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Glow (GHK-Cu 50mg, BPC-157 10mg, Thymosin β4 10mg)

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

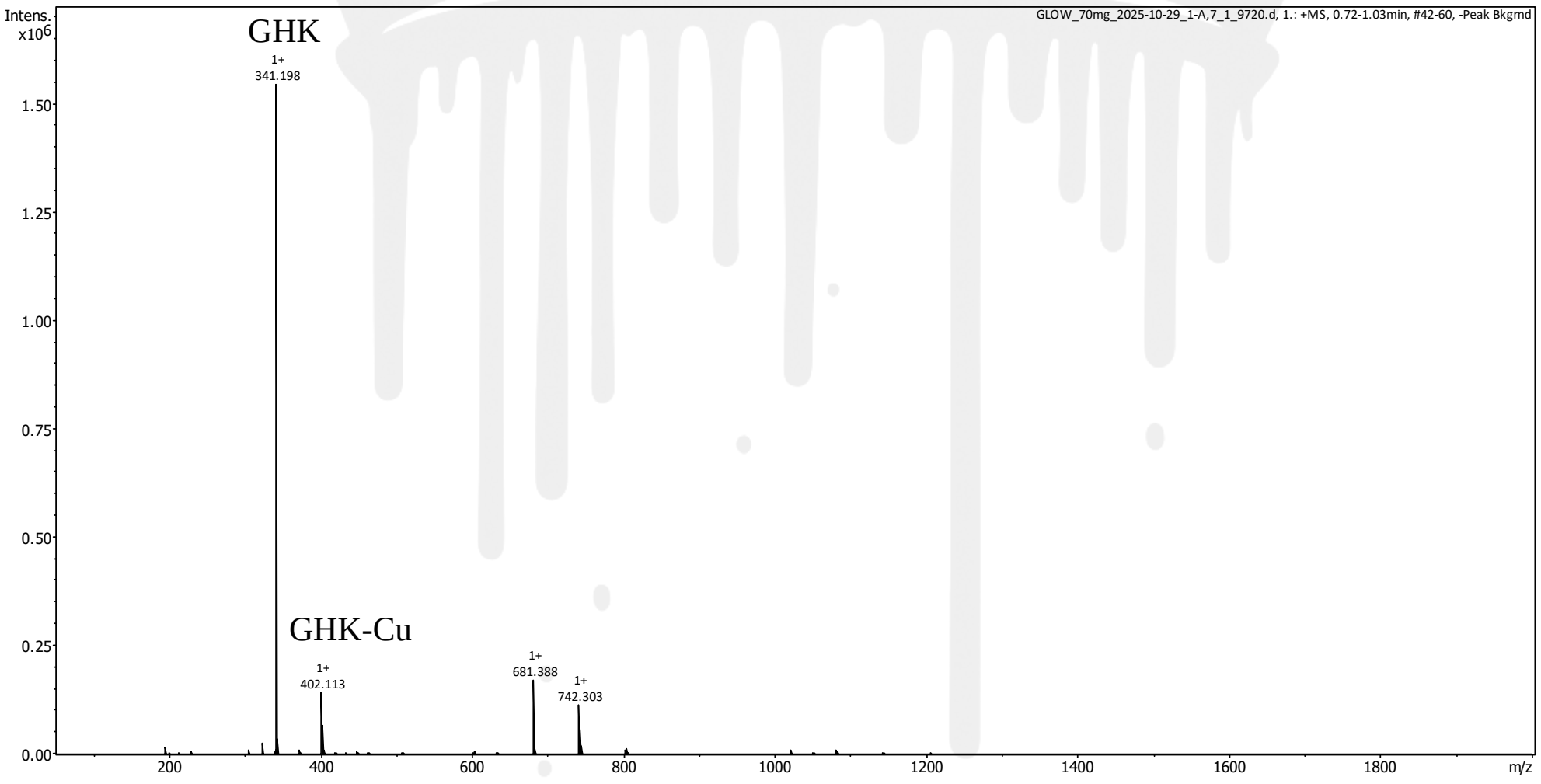
Expected monoisotopic mass :	402.10	Da
Measured monoisotopic mass :	402.11	Da

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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Glow (GHK-Cu 50mg, BPC-157 10mg, Thymosin β4 10mg)

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

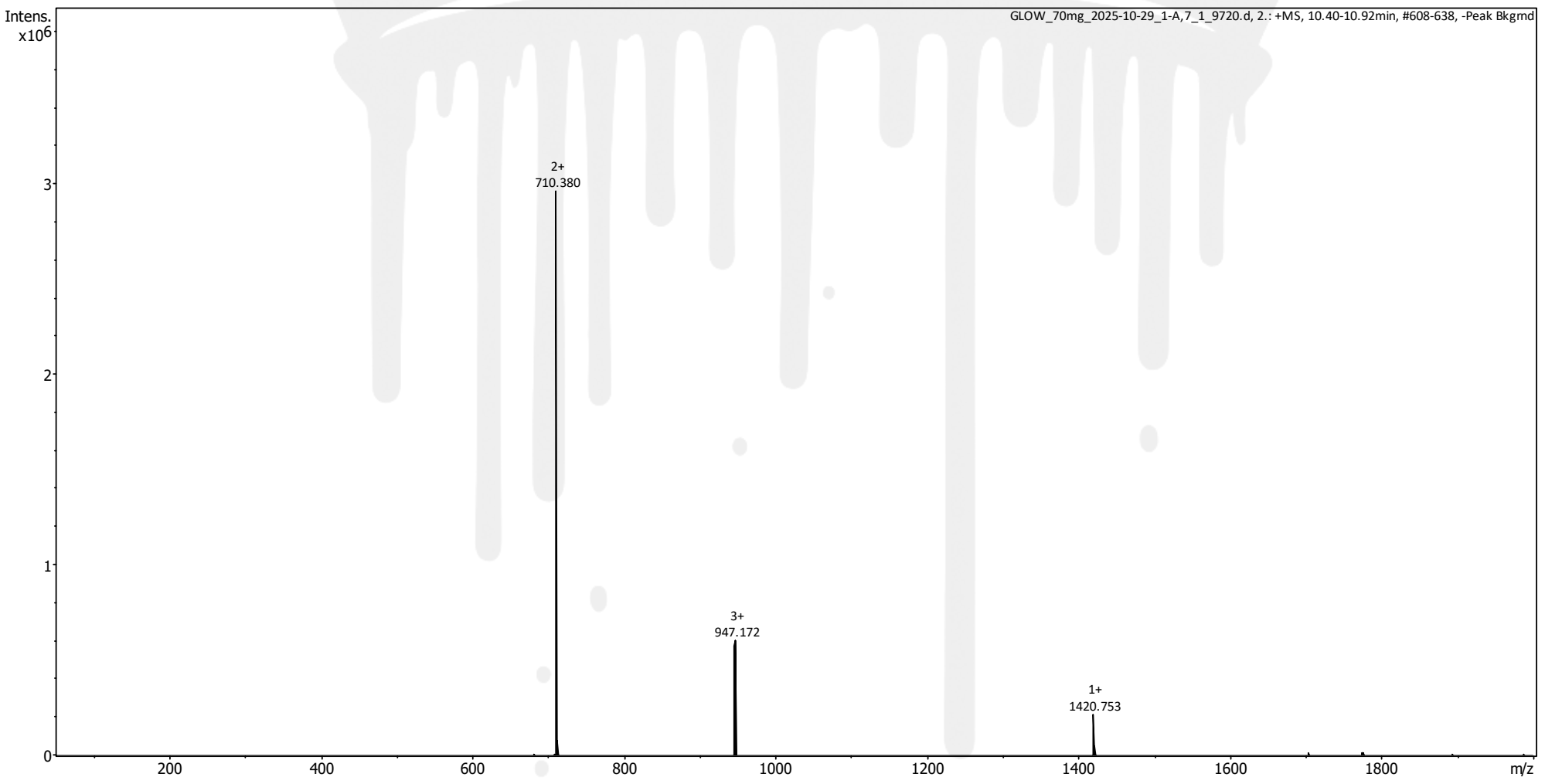
Expected monoisotopic mass :	1418.70	Da
Measured monoisotopic mass :	1418.75	Da

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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Glow (GHK-Cu 50mg, BPC-157 10mg, Thymosin β4 10mg)

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS
Molecular weight calculated using monoisotopic m/z values from mass spectrum

Thymosin β4 PubChem CID: 16132341
https://pubchem.ncbi.nlm.nih.gov/compound/16132341

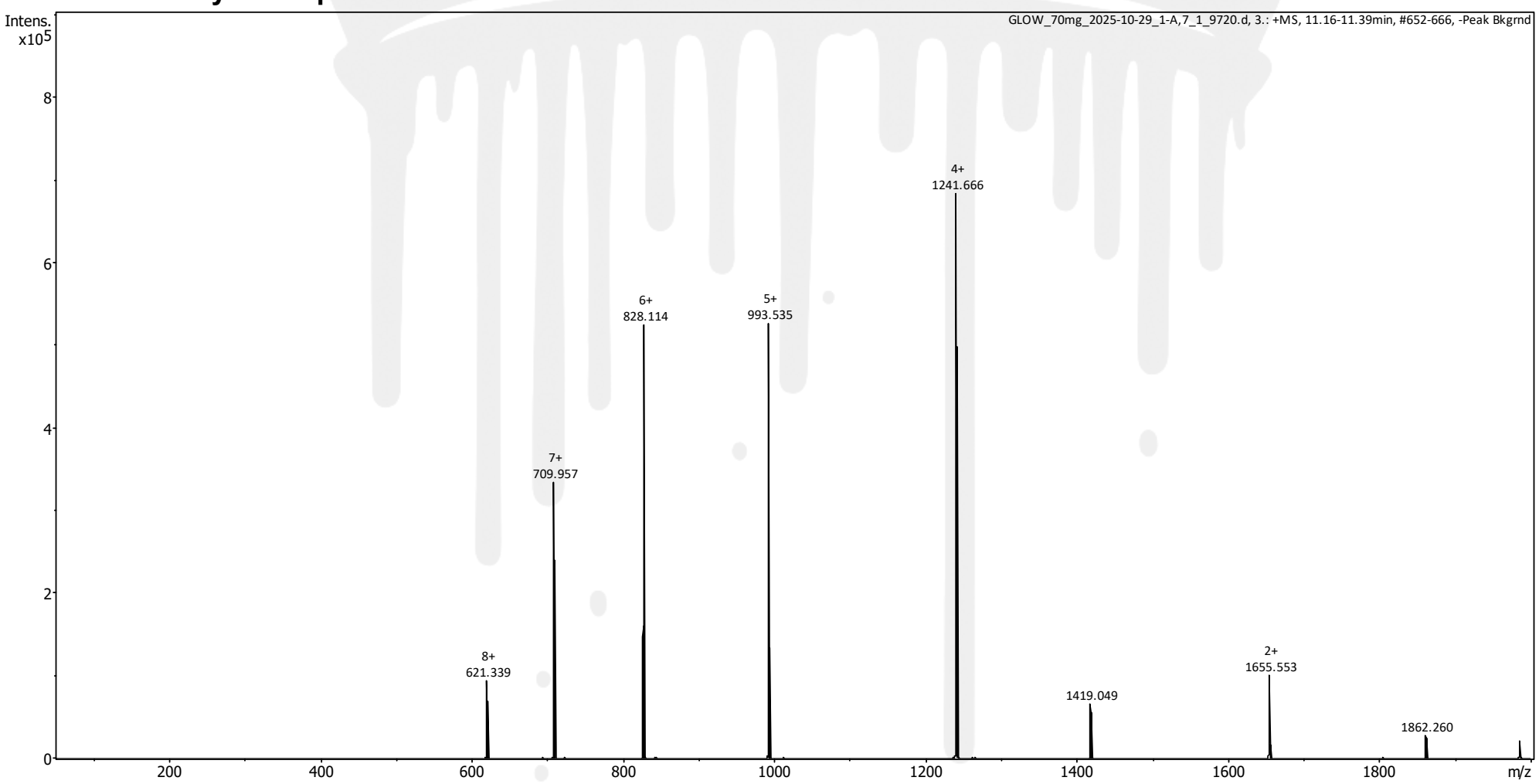
Expected monoisotopic mass :	4960.48	Da
Measured monoisotopic mass :	4960.67	Da

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 β4



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2025-07-01