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Certificate of Analysis

GHRP-2, Ipamorelin, Tesamorelin, PEG-MGF

Compound : GHRP-2, Ipamorelin,
Tesamorelin, PEG-MGF

Client : Clear Meds Corp

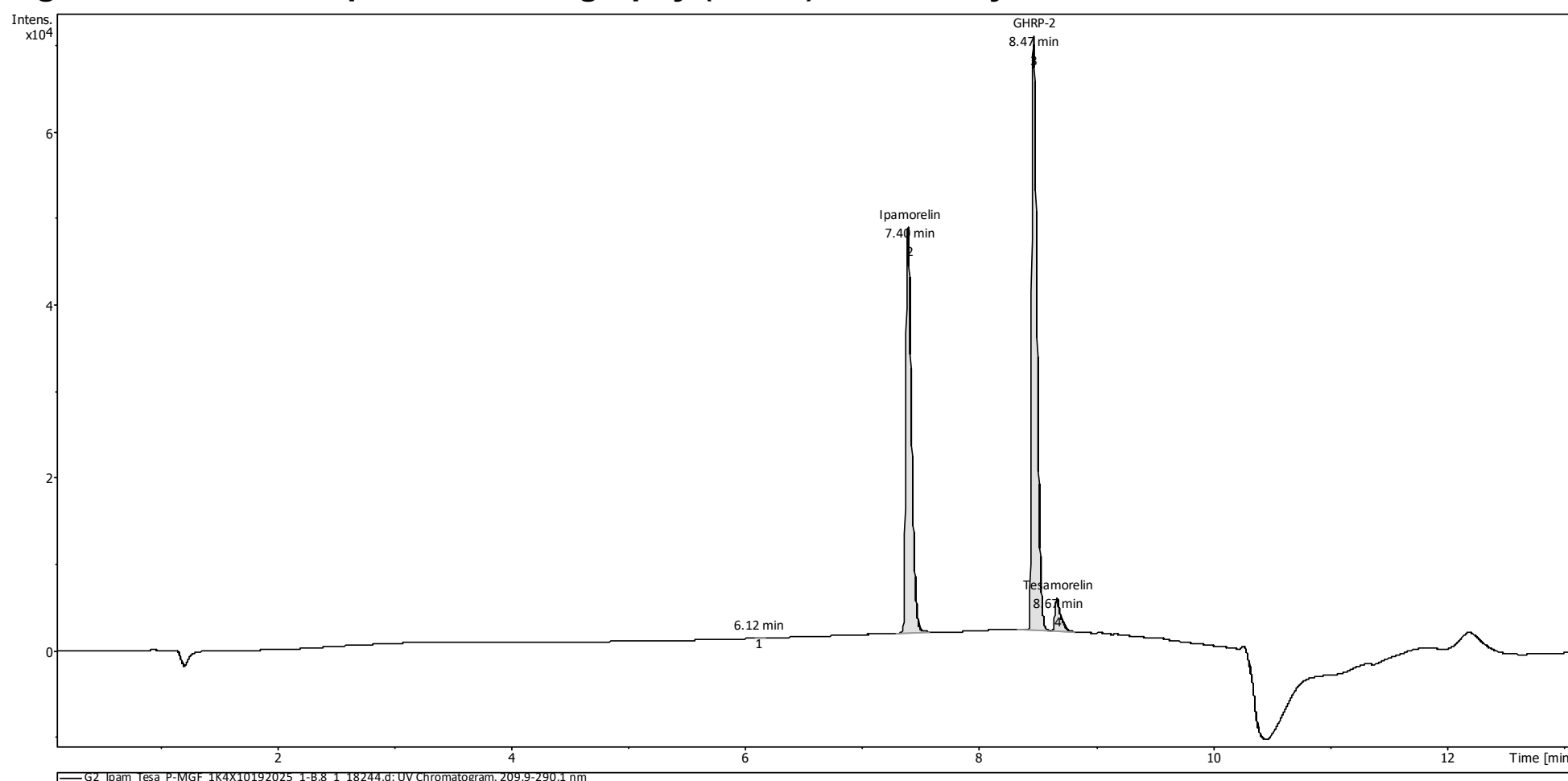
Lot number : 1K4X10192025

Analysis date : 2025-11-18

Purity % : 99.97%

Method : HPLC-UV-MS

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 4		
	Time (min)	Area	%Area	
1	6.12	1.34E+02	0.03	
2	7.40	1.58E+05	40.75	Ipamorelin
3	8.47	2.17E+05	55.92	GHRP-2
4	8.67	1.28E+04	3.30	Tesamorelin

Overall Purity: 99.97

Note: PEG-MGF not on peak list because it does not absorb a sufficient amount of UV light to be detected with UV.
PEG MGF identity and presence confirmed using LS-MS.
PEG-MGF MS Spectrum on Pg. 6

Analysis Performed by
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2025-11-24

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

Expected monoisotopic mass : 817.43 Da

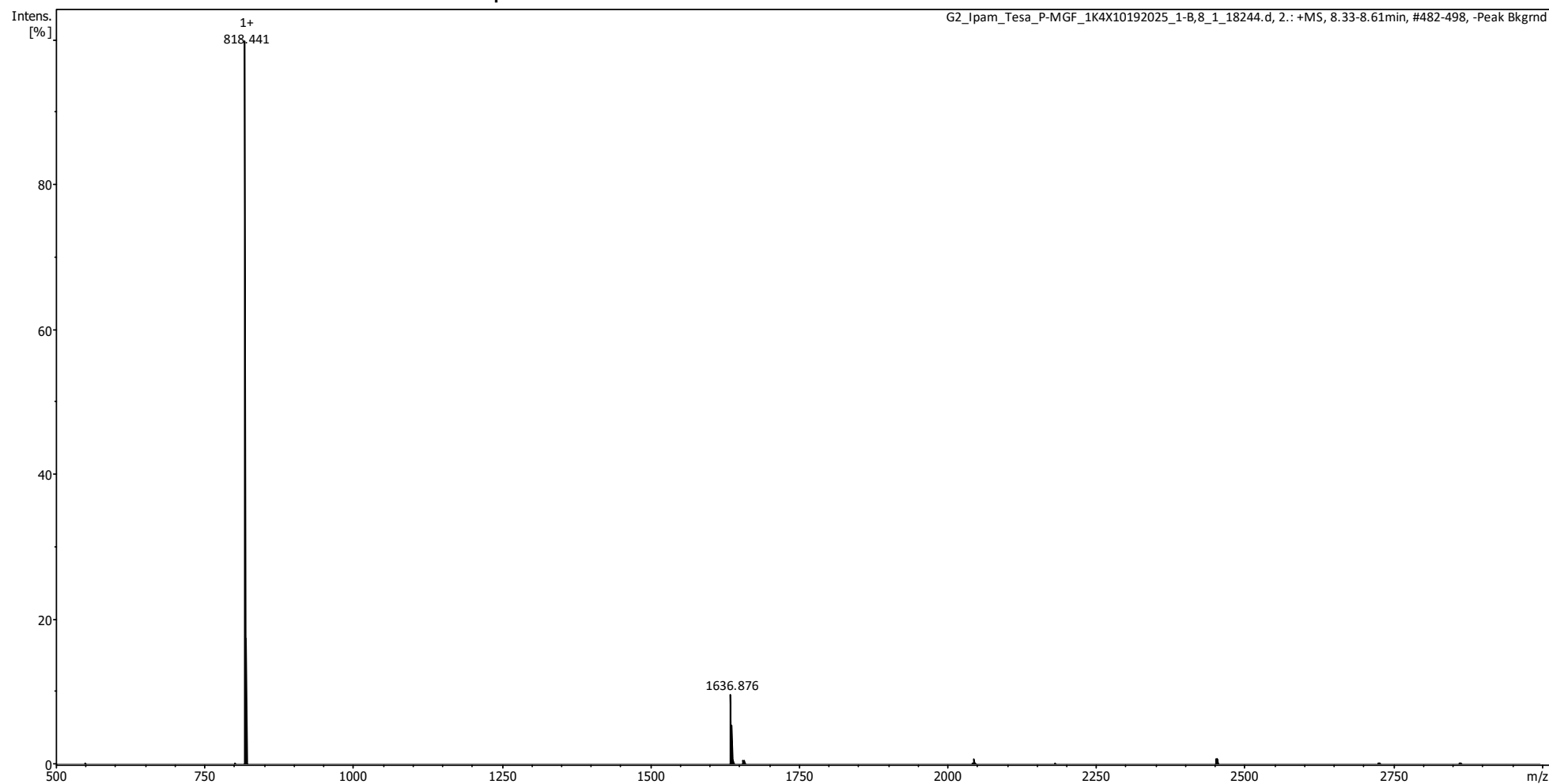
Measured monoisotopic mass : 817.44 Da

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.

GHRP-2 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

Expected monoisotopic mass : 711.38 Da

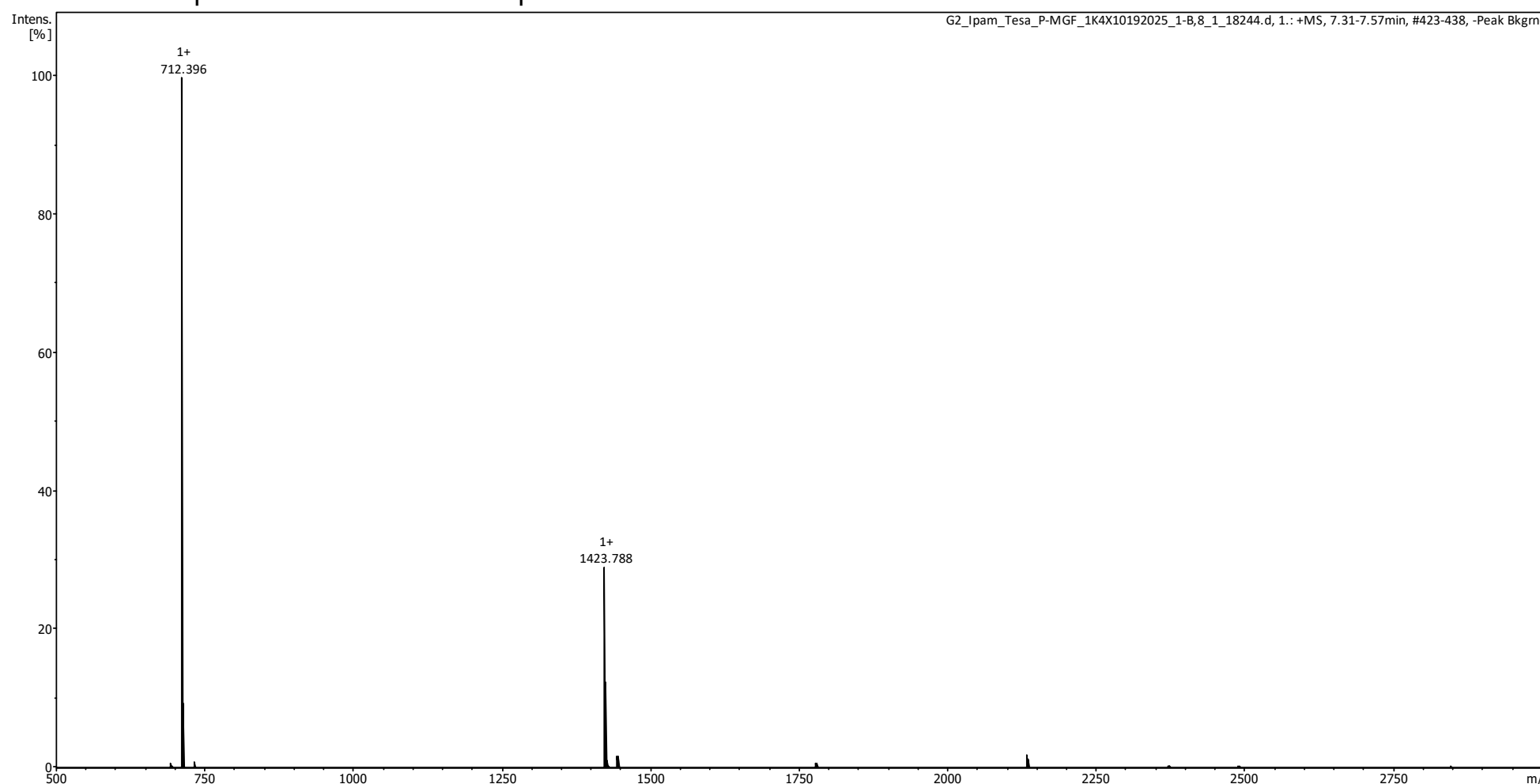
Measured monoisotopic mass : 711.40 Da

Molecular weight confirmed

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

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Ipamorelin 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

Expected monoisotopic mass : 5132.72 Da

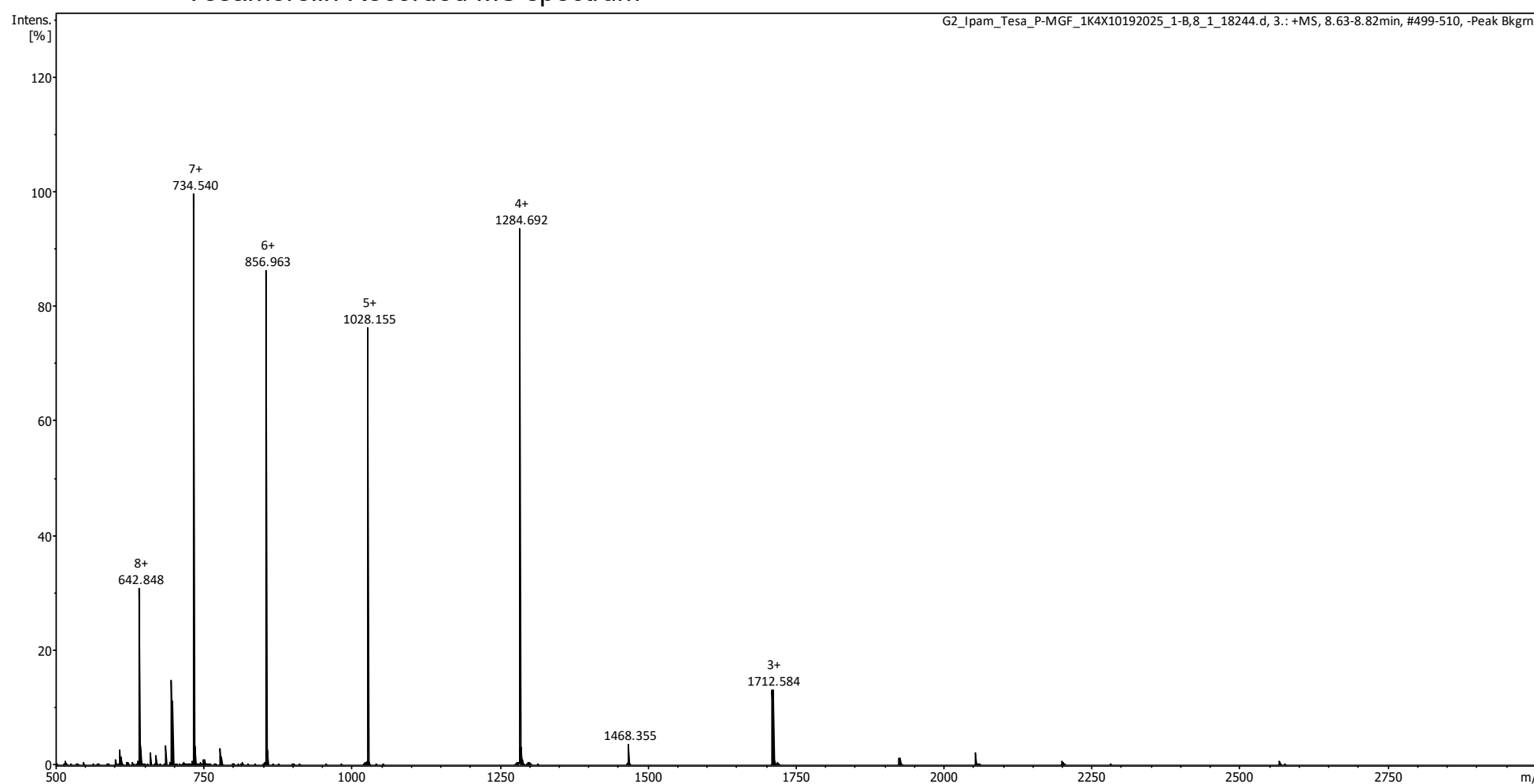
Measured monoisotopic mass : 5132.77 Da

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.

Tesamorelin Recorded MS spectrum



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Mass Spectrometry (MS) – Identity Test

Molecules with PEG added are difficult to interpret. In order to confirm MGF is the base peptide, mass spectrometer provides a slight fragmentation energy to the sample, causing some MGF to detach from the PEG chain and partially fragment further.

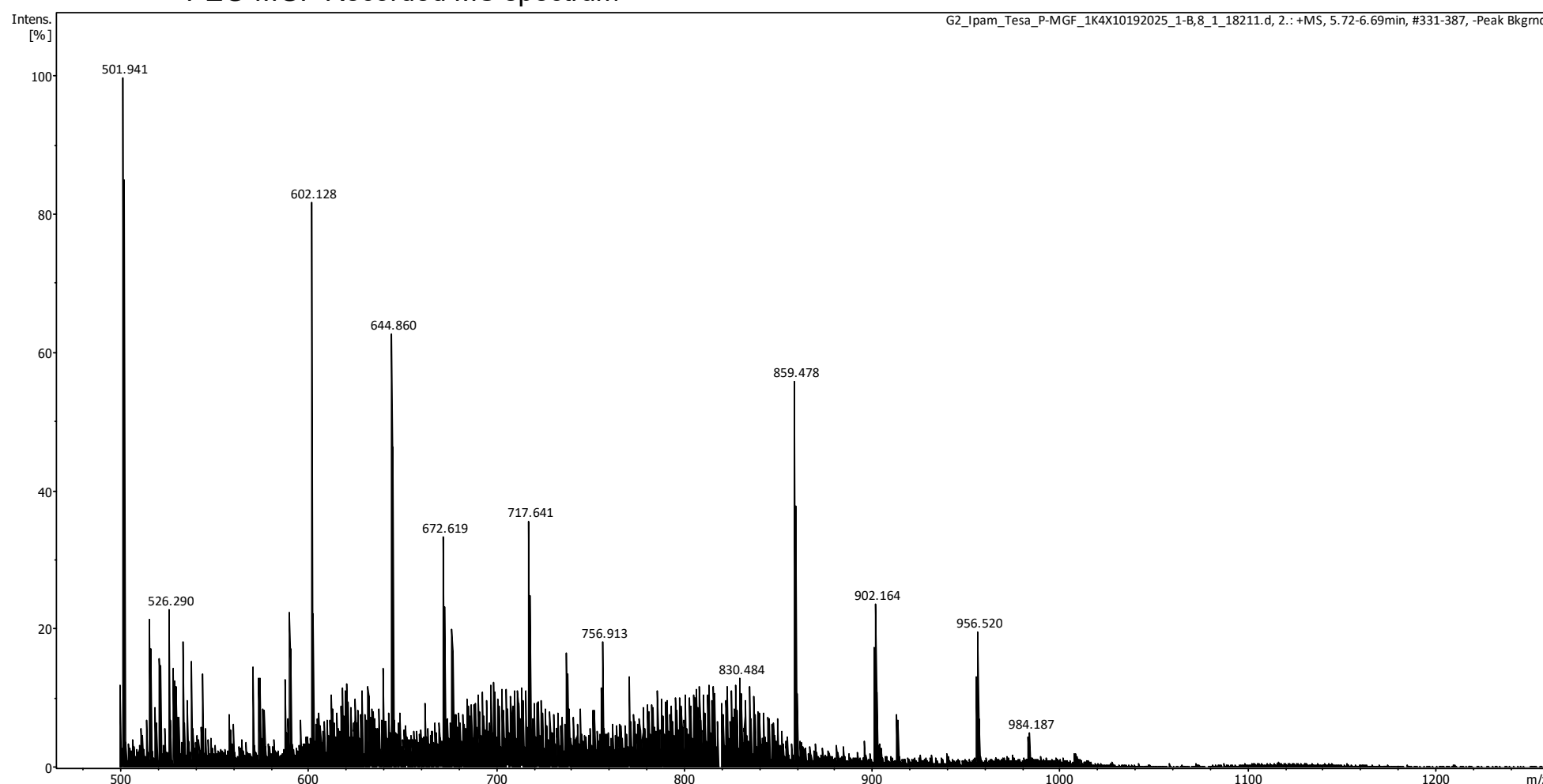
Several peaks specific to MGF indicate its identity – 645, 717, 844, 918, 956, and 1434.

Not all of the peaks are always visible and only 2-3 of them can confirm the identity.

In this case, 645, 717, and 956 are easily visible, confirming MGF was linked to PEG.

PEG-MGF Identity Confirmed

PEG-MGF Recorded MS spectrum



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