

Certificate of Analysis

Mazdutide

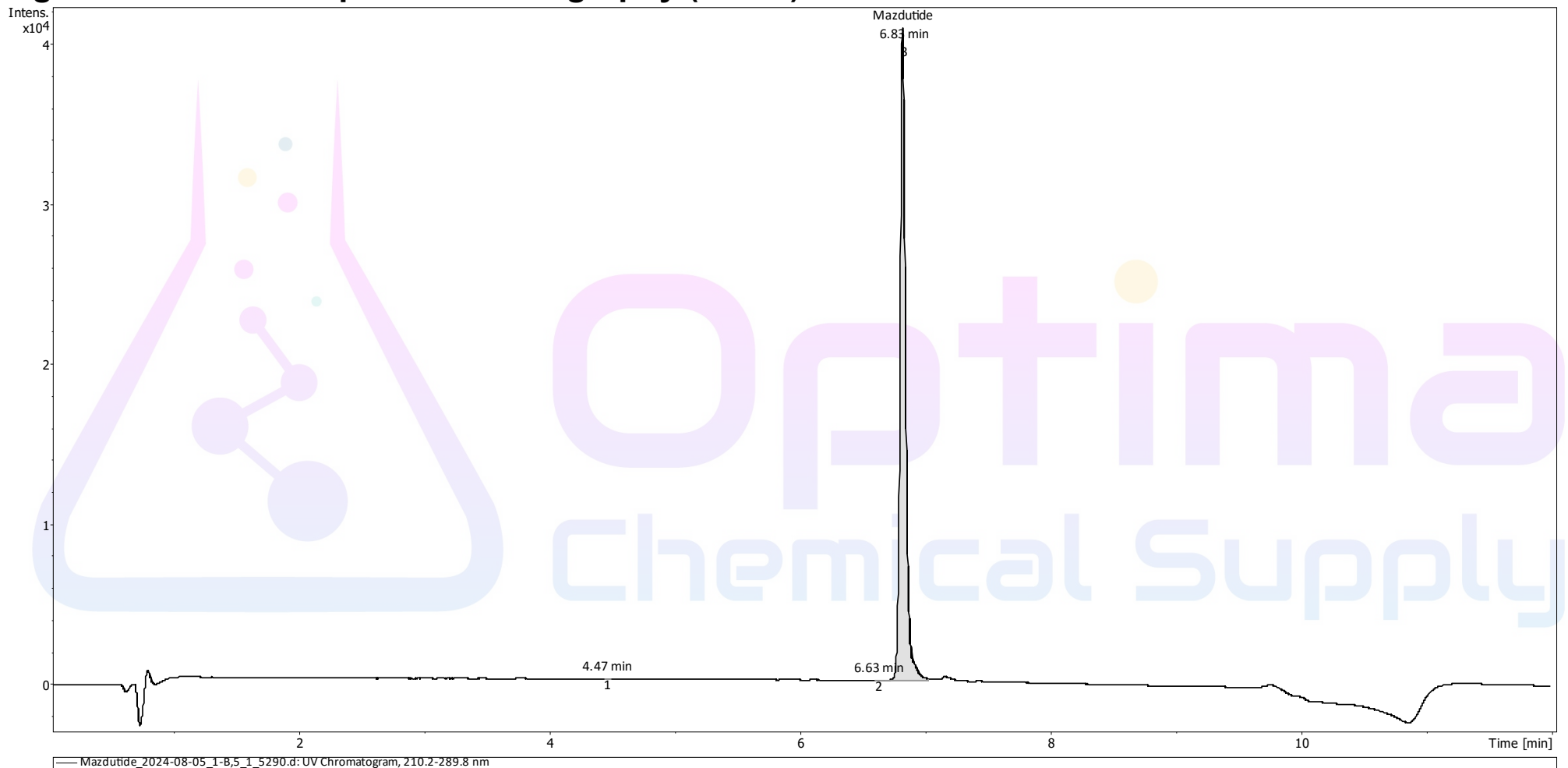
His-(Aib)-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Glu-Lys-Lys-Ala-Lys-(AEEA-AEEA-γGlu-Nonadecanoic acid)-Glu-Phe-Val-Glu-Trp-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-NH₂

Compound : Mazdutide
Lot number : 2024-08-05
Analysis date : 2024-08-28
Purity % : 99.95%
Quantity : 6.97 mg
Method : HPLC-UV-MS

Client : Optima Chemical Supply Inc.
<http://www.optimasupply.net/>
Support@optimasupply.net

CAS No: 2259884-03-0

High Performance Liquid Chromatography (HPLC) UV



PEAK LIST				Number of detected peaks: 3	
	Time (min)	Area	%Area		
1	4.47	3.54E+01	0.03		
2	6.63	3.38E+01	0.03		
3	6.83	1.27E+05	99.95	Mazdutide	

Quantification by HPLC-UV
 Measured quantity : 6.97 mg/vial

Analysis Performed by
 Ken Pendarvis, ChE
 Analytical Chemist
 MZ Biolabs
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2024-08-30

Mazdutide

CAS No: 2259884-03-0

Mass Spectrometry (MS) – Identity Test

Identity confirmed using HPLC-MS

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

Expected monoisotopic mass : 4560.32 Da

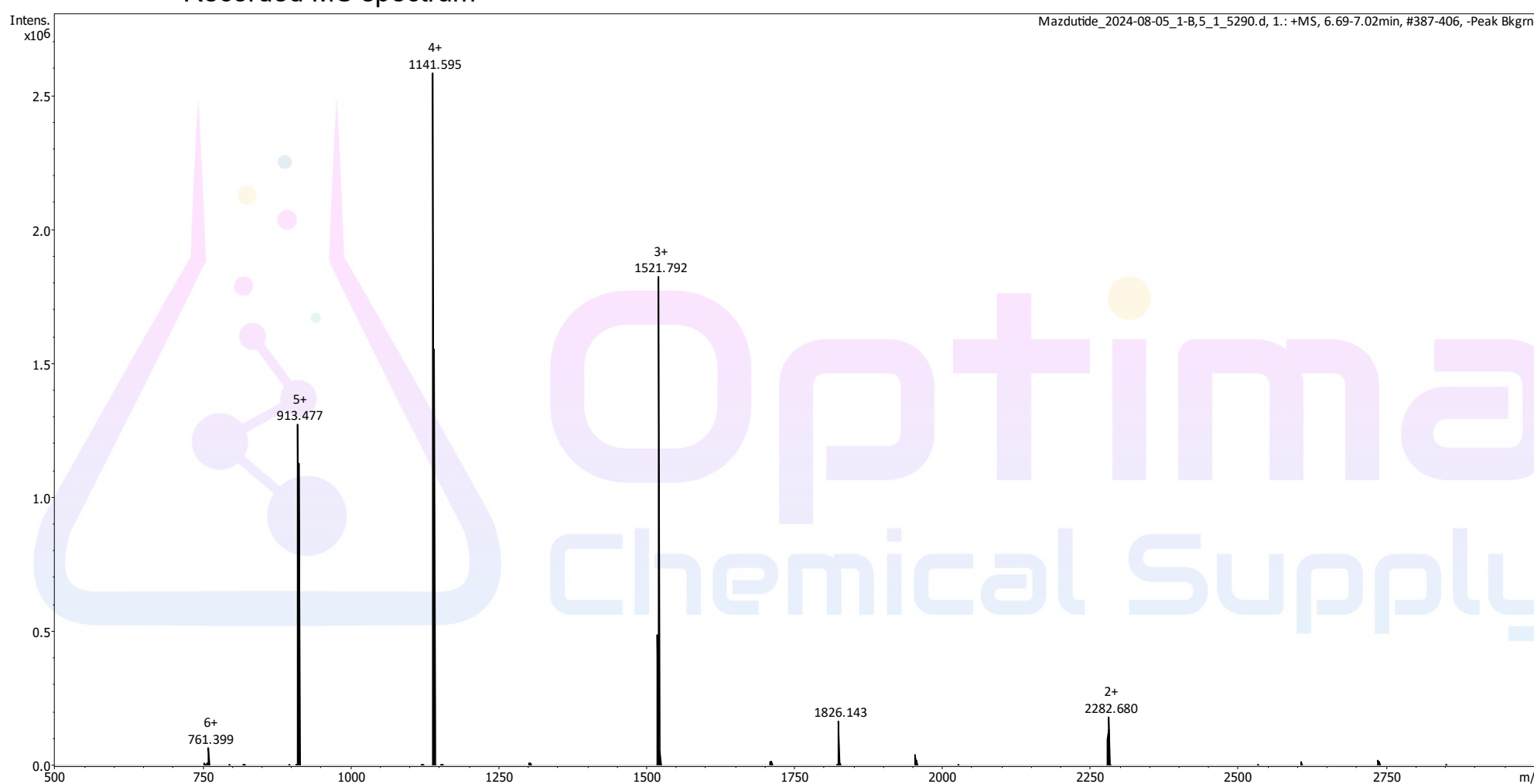
Measured monoisotopic mass : 4560.37 Da

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



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2024-08-30