

Certificate of Analysis

Mazdutide

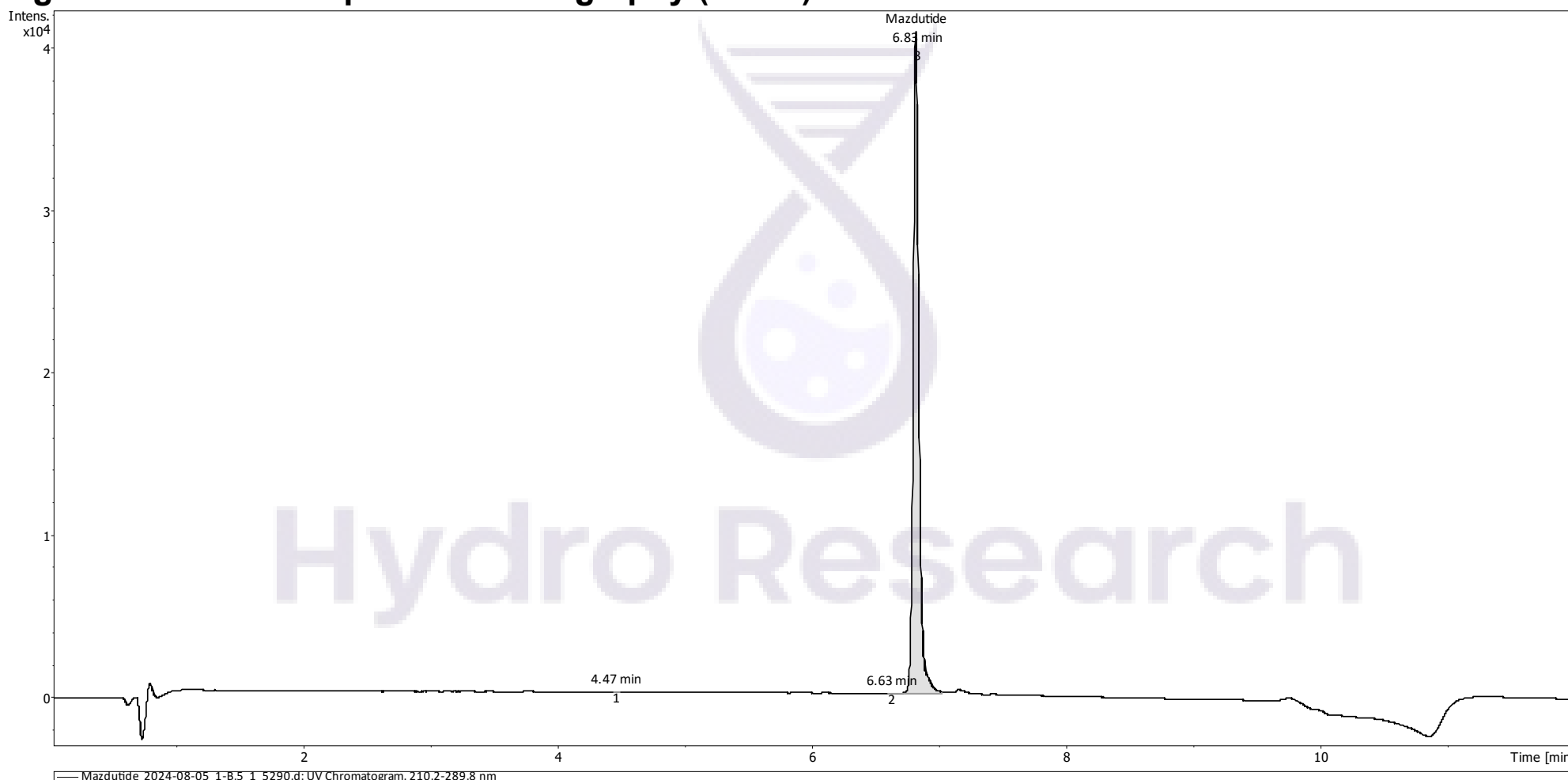
His-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Glu-Lys-Lys-Ala-Lys-{AEEA-AEEA-γGlu-Nonadecanoic acid}-Glu-Phe-Val-Glu-Trp-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-NH₂

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

Client : Hydro Research
<https://hydroresearchpeptides.com/>
support@hydroresearchpeptides.com

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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2024-09-09

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

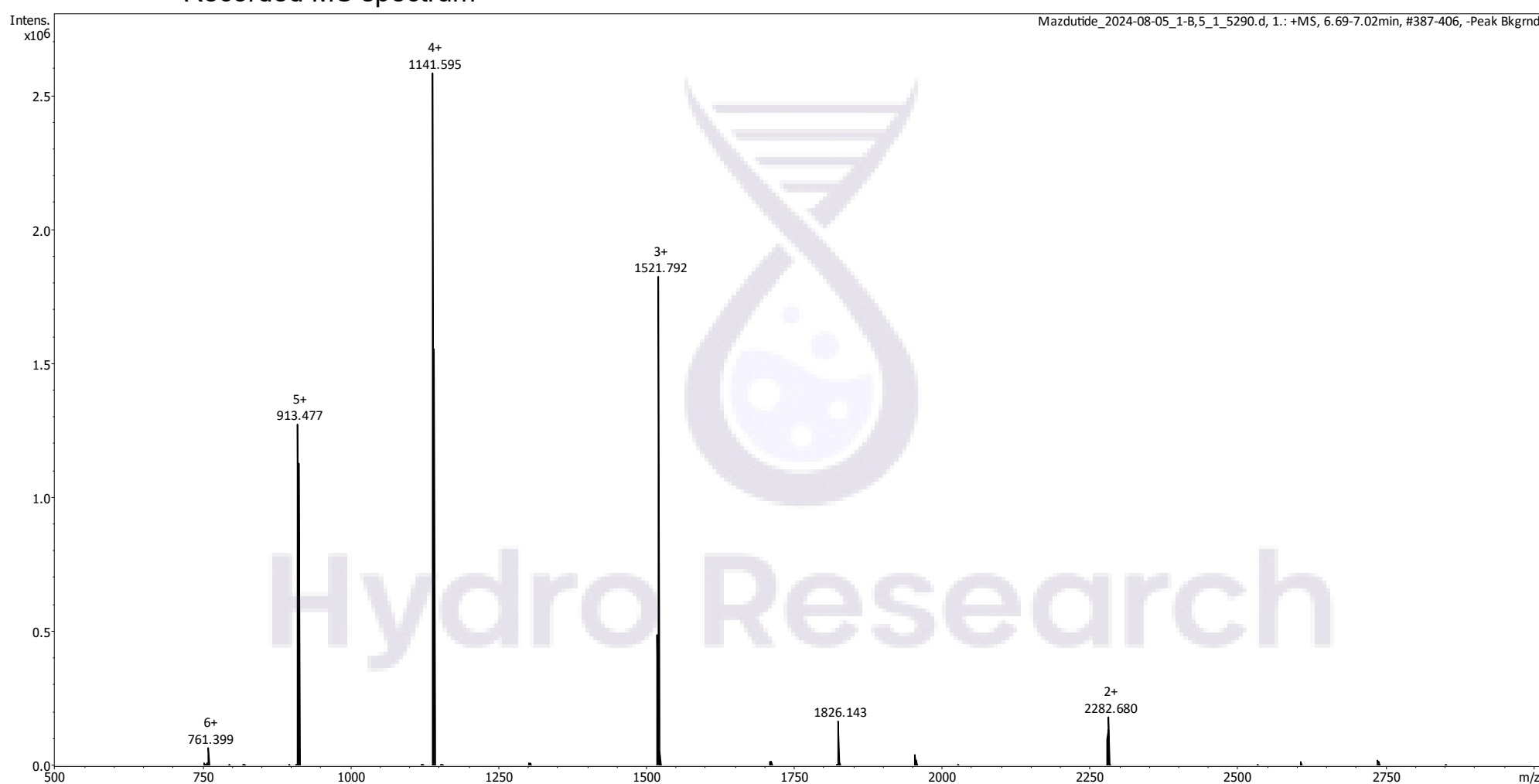
Measured monoisotopic mass : 4560.37 Da

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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