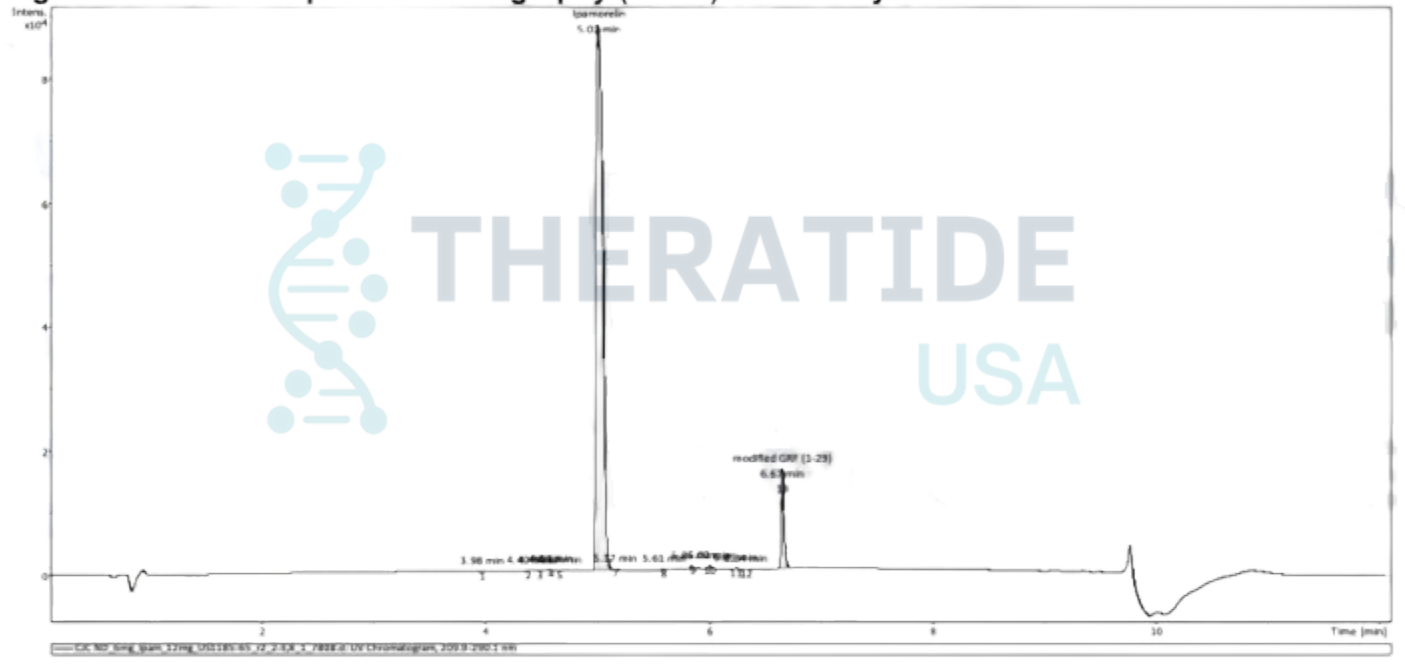
MZ Biolabs
1635 E 18th St
Tucson, AZ 85719
contact@mzbiolabs.com
www.mzbiolabs.com

Certificate of Analysis

CJC-1295 no DAC 5mg, Ipamorelin 5 mg

Compound	: CJC-1295, Ipamorelin	**Client :**	**Theratide USA**
Lot number	: US1185/65 vial 2		https://www.theratideusa.com/
Analysis date	: 2024-11-26		support@theratideusa.com
Purity %	: 99.16%		
Method	: HPLC-UV-MS		

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST — Number of detected peaks: 13

	Time (min)	Area	%Area	
1	3.98	4.84E+01	0.01	
2	4.40	1.64E+02	0.04	
3	4.49	5.46E+01	0.01	
4	4.59	4.35E+02	0.10	
5	4.67	8.04E+01	0.02	
6	**5.02**	**3.98E+05**	**92.30**	**Ipamorelin**
7	5.17	4.97E+01	0.01	
8	5.61	1.92E+02	0.04	
9	5.86	1.45E+03	0.34	
10	6.02	9.06E+02	0.21	
11	6.25	1.67E+02	0.04	
12	6.34	7.76E+01	0.02	
13	**6.67**	**2.96E+04**	**6.86**	**CJC-1295**

Overall Purity : 99.16

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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contact@mzbiolabs.com

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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

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.

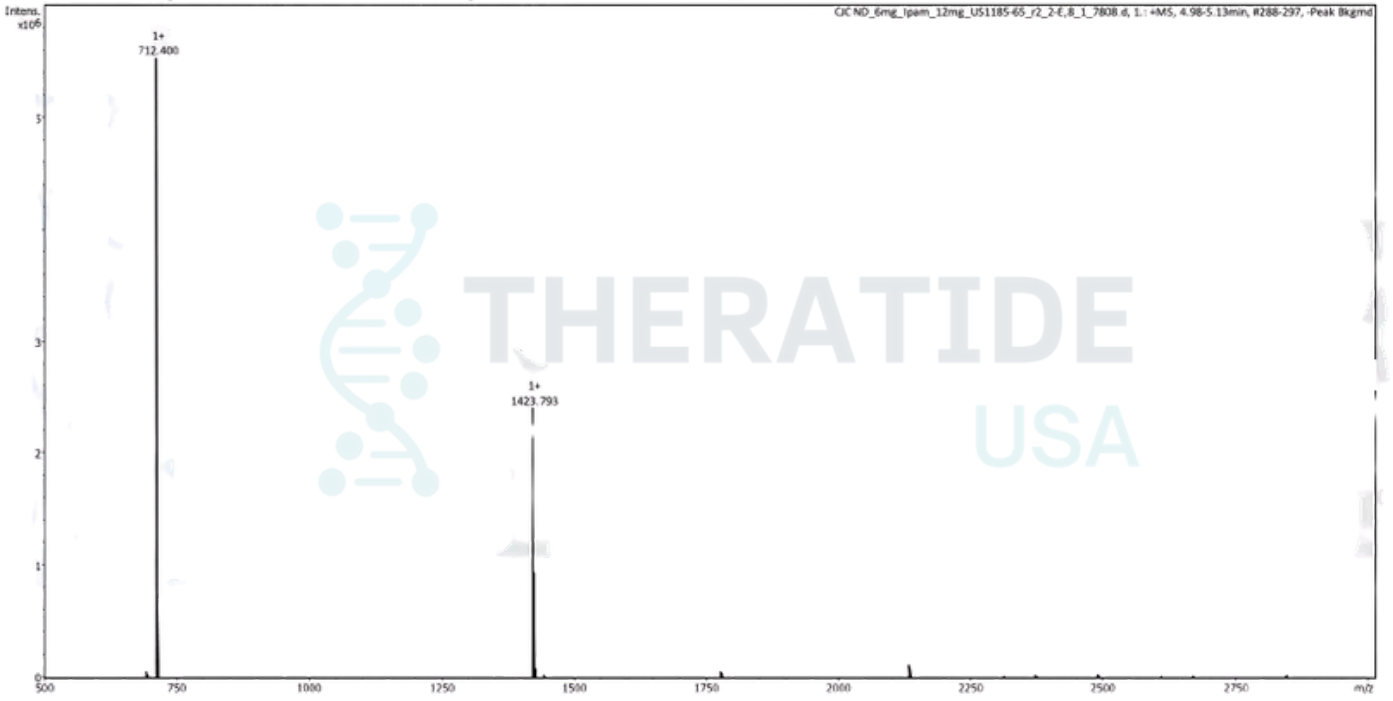
Ipamorelin

Ipamorelin PubChem CID: 9831659
https://pubchem.ncbi.nlm.nih.gov/compound/9831659

Expected monoisotopic mass :	711.38	Da
Measured monoisotopic mass :	711.40	Da

Molecular weight confirmed

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

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.

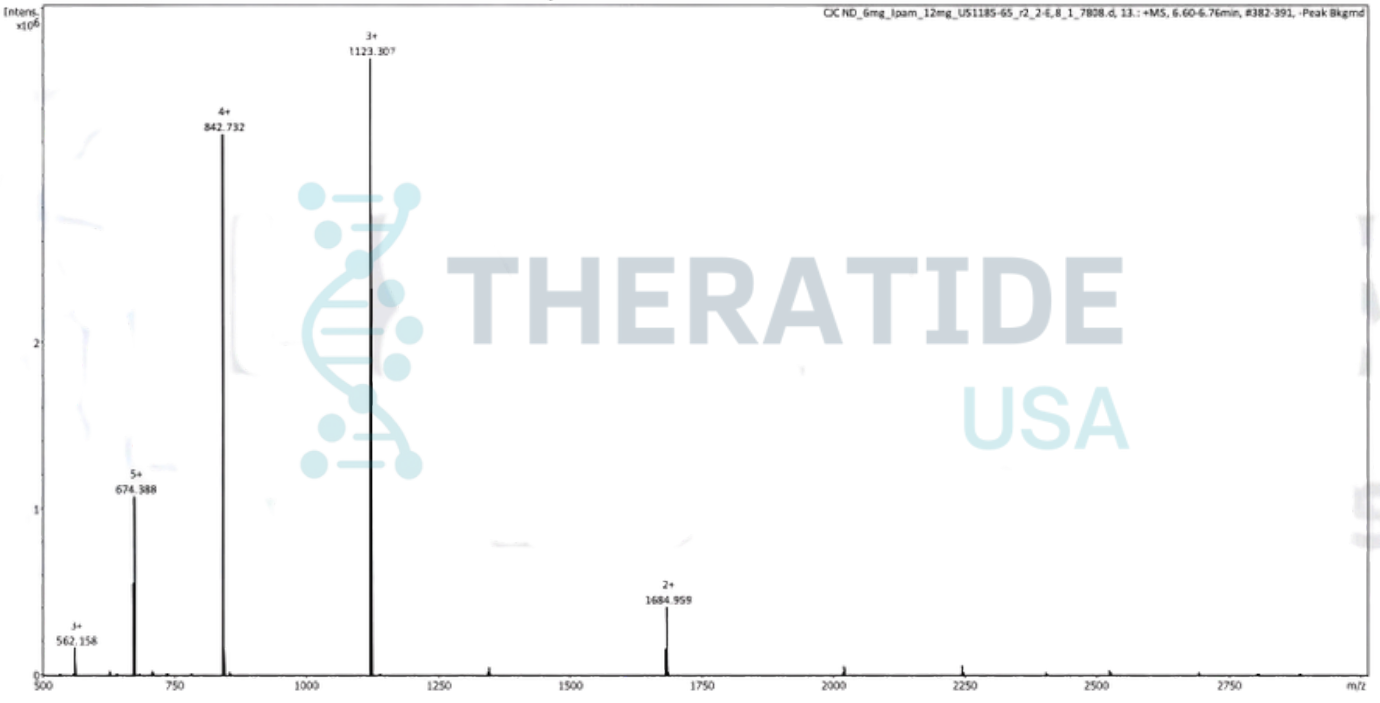
CJC-1295 no DAC

CJC 1295 no DAC PubChem CID: 91971820
https://pubchem.ncbi.nlm.nih.gov/compound/91971820

Expected monoisotopic mass :	3365.89	Da
Measured monoisotopic mass :	3365.92	Da

Molecular weight confirmed

CJC-1295 no DAC recorded MS spectrum



THERATIDE USA

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