MZ Biolabs
2102 N Country Club Rd
Tucson, AZ 85716
contact@mzbiolabs.com
www.mzbiolabs.com

Certificate of Analysis

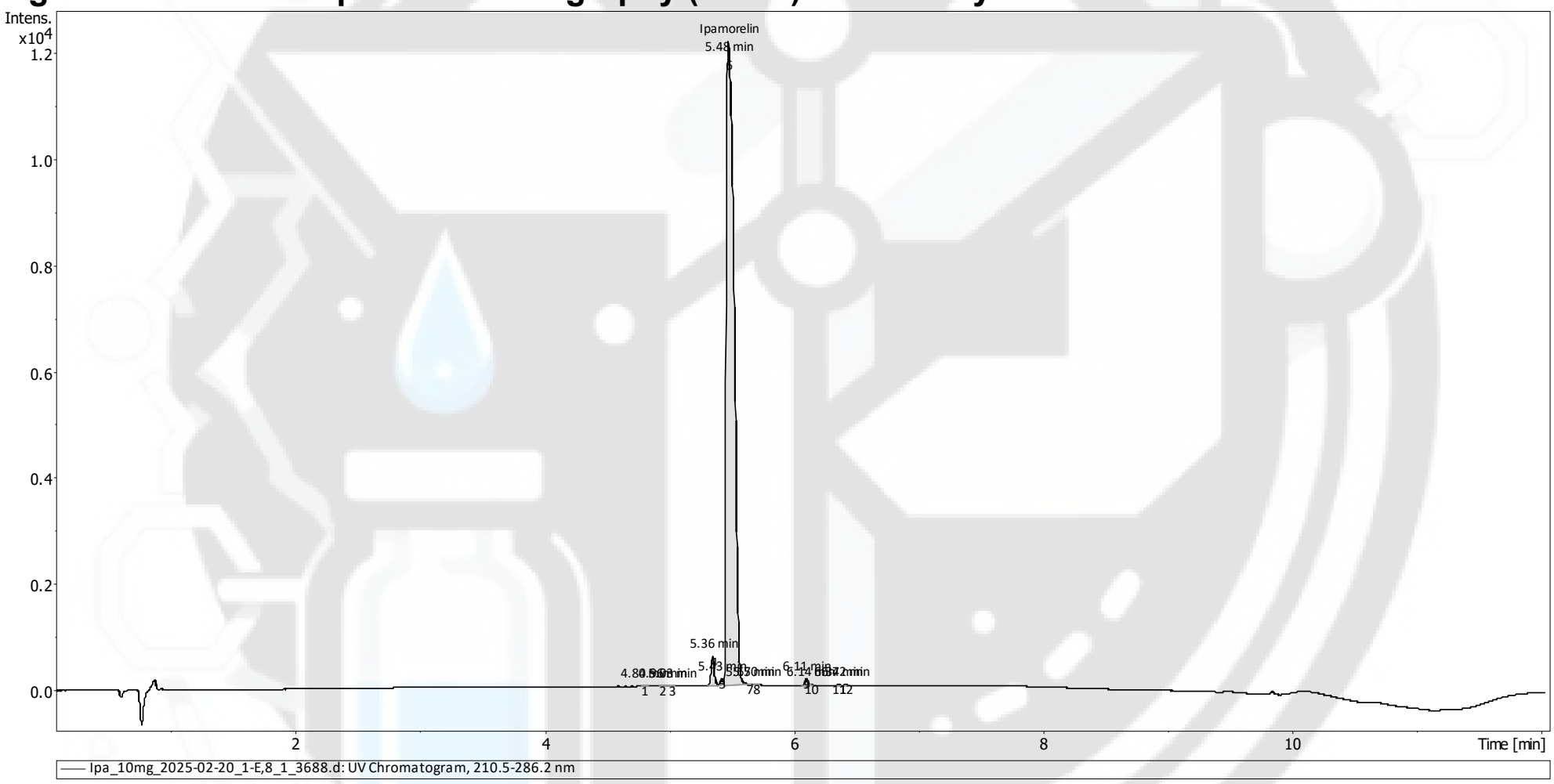
Ipamorelin 10 mg

Aib-His-D-2-Nal-D-Phe-Lys-NH2

Compound	: **Ipamorelin**	**Client :** **Transforma Peptides**
Lot number	: **2025-02-20**	**www.transformapeptides.com**
Analysis date	: **2025-03-05**	
Purity %	: **97.30%**	
Quantity	: **11.92 mg**	
Method	: **HPLC-UV-MS**	

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

High Performance Liquid Chromatography (HPLC) UV – Purity Test



Number of detected peaks: 12

See peak list on next page

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
MZ Biolabs
contact@mzbiolabs.com

2025-03-10

Quantification by HPLC-UV
Measured quantity : 11.92 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.

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High Performance Liquid Chromatography (HPLC) UV – Purity Test

PEAK LIST	Time (min)	Number of detected peaks: 12 Area	%Area	
1	4.80	1.04E+01	0.02	
2	4.96	3.52E+01	0.07	
3	5.03	3.28E+01	0.06	
4	5.36	9.93E+02	1.85	
5	5.43	1.32E+02	0.25	
6	**5.48**	**5.22E+04**	**97.30**	**Ipamorelin**
7	5.65	1.06E+01	0.02	
8	5.70	1.93E+01	0.04	
9	6.11	1.74E+02	0.33	
10	6.14	8.34E+00	0.02	
11	6.37	1.50E+01	0.03	
12	6.42	1.86E+01	0.03	

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Mass Spectrometry (MS) – Identity Test

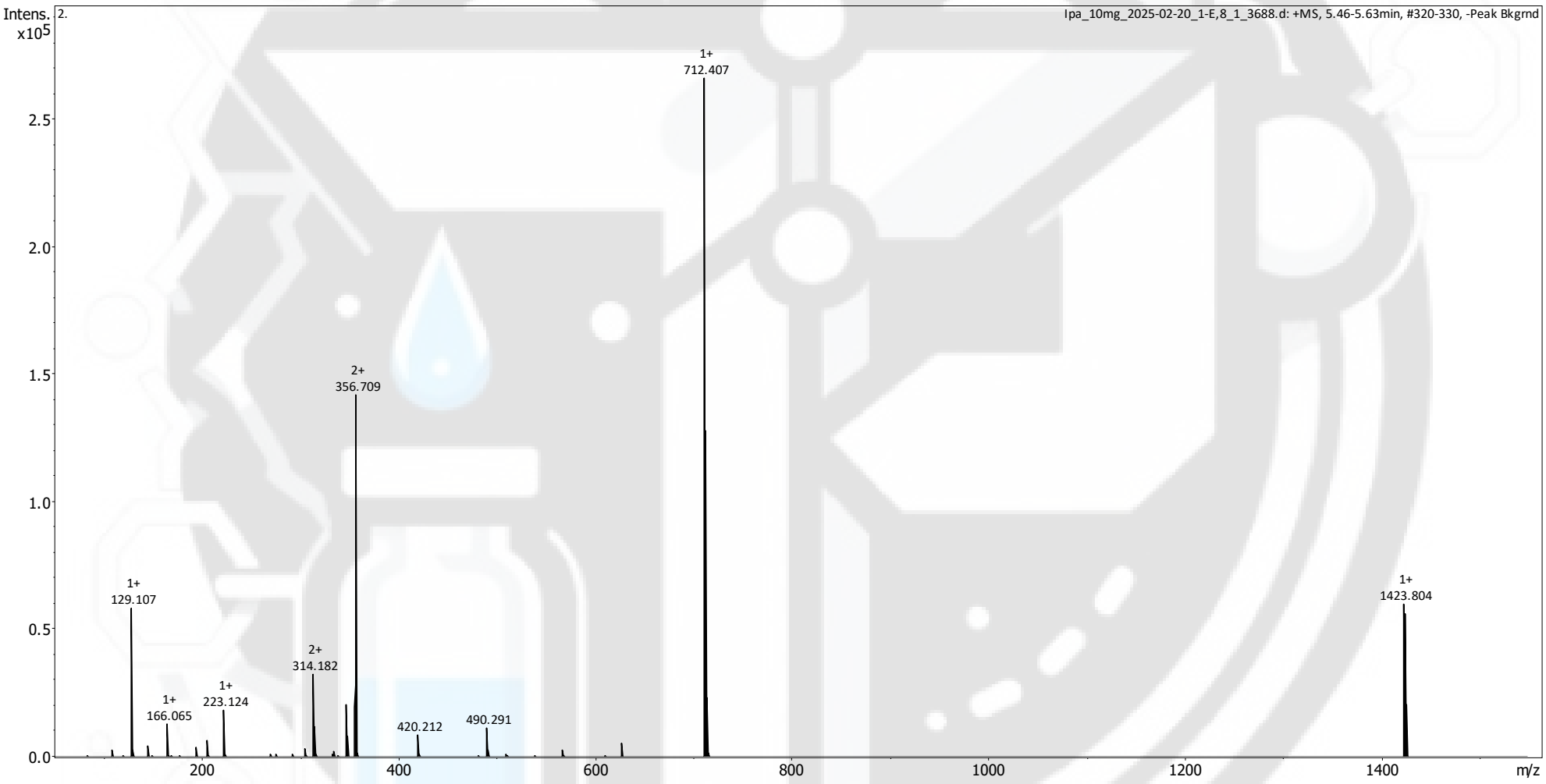
Identity confirmed using HPLC-MS
Molecular weight calculated using monoisotopic m/z values from mass spectrum

Expected monoisotopic mass :	711.38	Da
Measured monoisotopic mass :	711.41	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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2025-03-10