

Certificate of Analysis

BPC-157 (Bepecin) 10mg

H-Gly-Glu-Pro-Pro-Pro-Gly-Lys-Pro-Ala-Asp-Asp-Ala-Gly-Leu-Val-OH

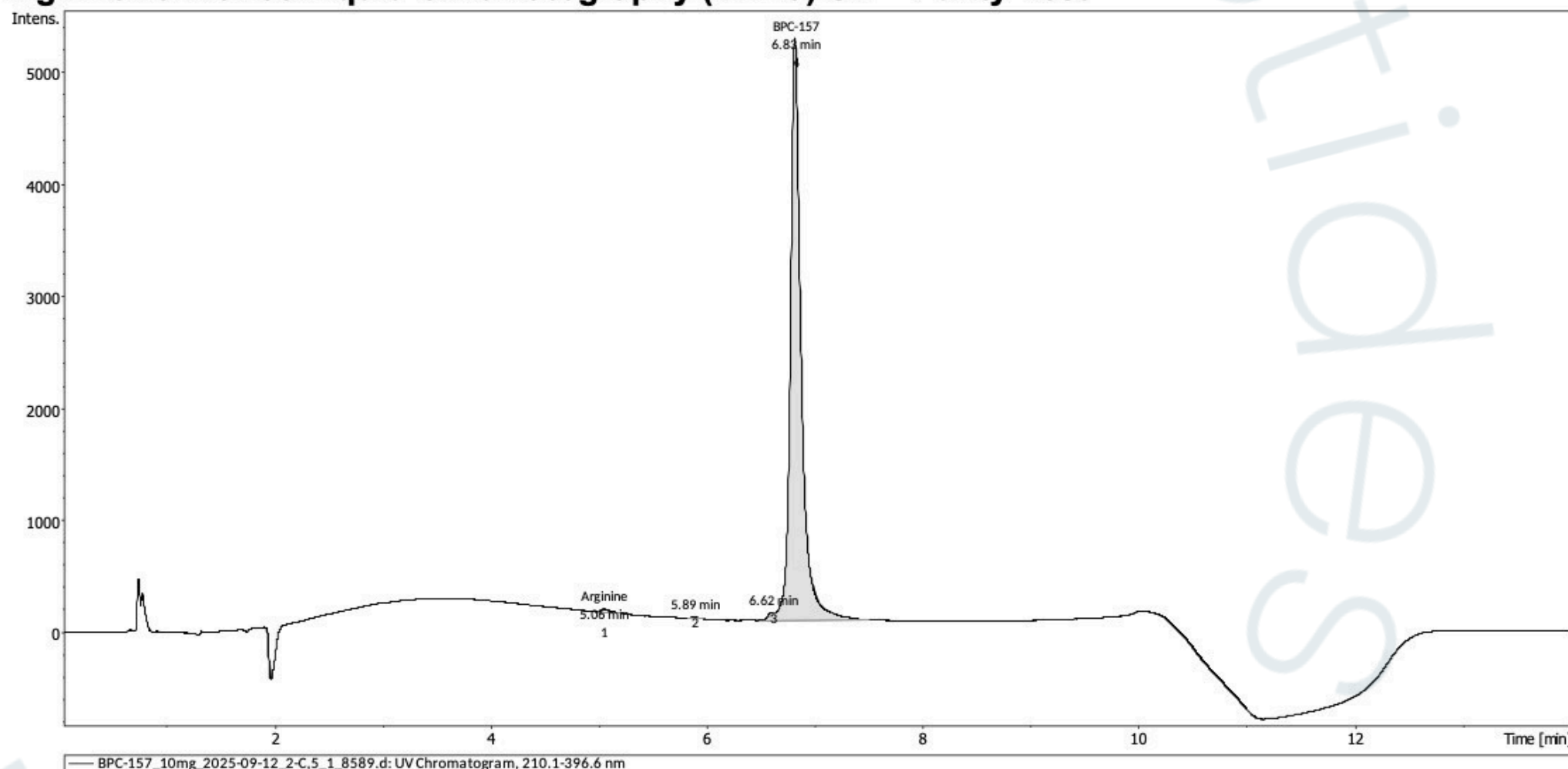
Compound : BPC-157
Lot number : 2025-09-12
Analysis date : 2025-09-22
Purity % : 99.26%
Method : HPLC-UV-MS

Client : Tides Peptides
www.tidespeptides.com

PubChem CID: 9941957

<https://pubchem.ncbi.nlm.nih.gov/compound/9941957>

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST

	Time (min)
1	5.06
2	5.89
3	6.62
4	6.83

Number of detected peaks: 4

	Area	%Area
1	1.65E+02	0.45
2	6.51E+01	0.18
3	4.06E+01	0.11
4	3.64E+04	99.26

BPC-157



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



2025-09-29

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 : 1418.70 Da

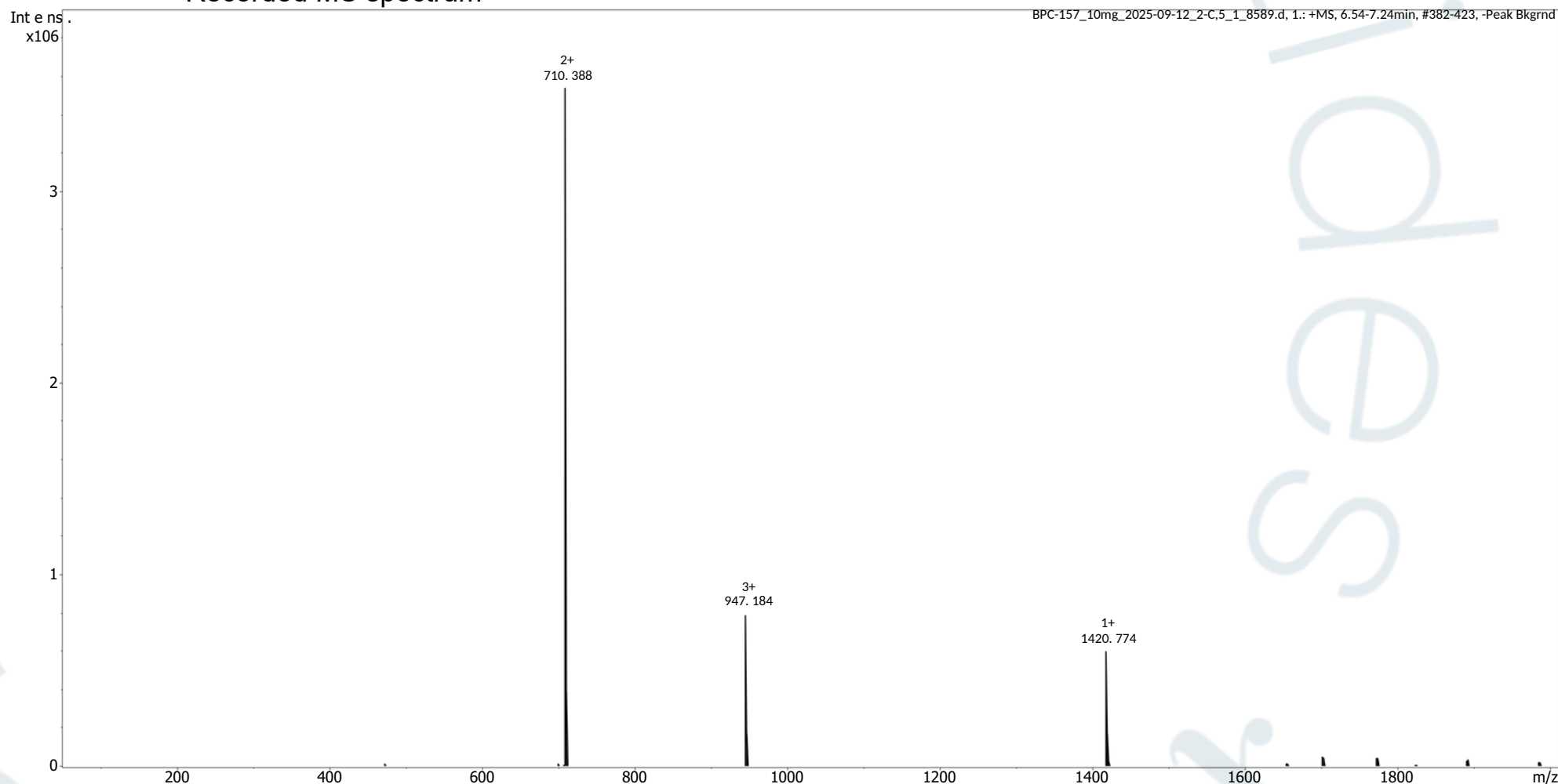
Measured monoisotopic mass : 1418.78 Da

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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CERTIFICATE OF ANALYSIS

Product Name	BPC-157	CAS NO.	137525-51-0
Batch NO.	NCBPC250621	Molecular formula	C ₂₆ H ₉₈ N ₁₆ O ₂₂
Manufacture Date	June.21, 2025	Molecular weight	1419.56
Reference standard	Enterprise Standard		

TEST	SPECIFICATION	RESULTS
Appearance	White or almost white fluffy powder	Conforms
Identity by HPLC	The retention time of the main principal of the test Solution corresponds to that of the reference Solution, as obtained in the assay	Conforms
Solubility	≥100mg/ml(H ₂ O)	Conforms
Purity(HPLC)	≥ 98%	99.5%
Acetic Acid	≤ 5.0%	0.05%
Water	≤ 8.0%	3.61%
Trifluoroacetic acid	≤ 0.5%	Not detected
pH	3.0~5.0	4.05
Related Substances	Total impurities ≤ 2.0%	0.5%
	Large Single Impurity ≤ 1.0%	0.27%
Bacterial Endotoxins	≤ 10 EU/mg	Conforms
Peptide Assay	≥ 90.0%	95.7%
Conclusion	This product conforms to the Enterprise Standard.	

Note: this product is intended for research use only

Important: Stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated.