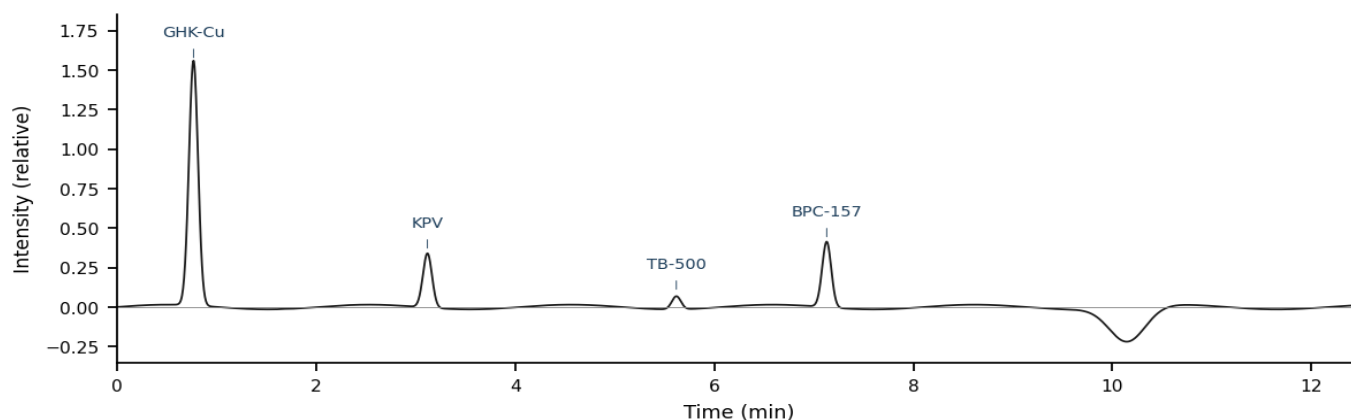


KLOW GHK-Cu, BPC-157, TB-500 (frag 17-23), KPV

Matrix Lyophilized peptide blend
Analysis date 2026-04-07
Method HPLC-UV-MS
Detection UV, 210 nm
Reported purity 99.89%

High performance liquid chromatography (HPLC) — UV purity**Peak list**

Detected peaks: 7

#	Time (min)	Area	% Area	Assignment
1	0.77	5.77E+04	64.71	GHK-Cu
2	1.68	5.13E+01	0.06	Unassigned
3	3.12	1.28E+04	14.35	KPV
4	3.86	2.66E+01	0.03	Unassigned
5	5.62	3.11E+03	3.48	TB-500 (frag 17-23)
6	6.99	1.82E+01	0.02	Unassigned
7	7.13	1.55E+04	17.35	BPC-157

Overall purity 99.89% (sum of assigned target peaks)

Note: Injectable peptides may contain salts and sugars to aid solubility and act as pH buffers. These are not normally detected by UV and are not treated as impurities in this purity figure. Unassigned peaks (0.11% combined) are the residual UV-detected material.

GHK-Cu

Copper complex of glycyl-histidyl-lysine

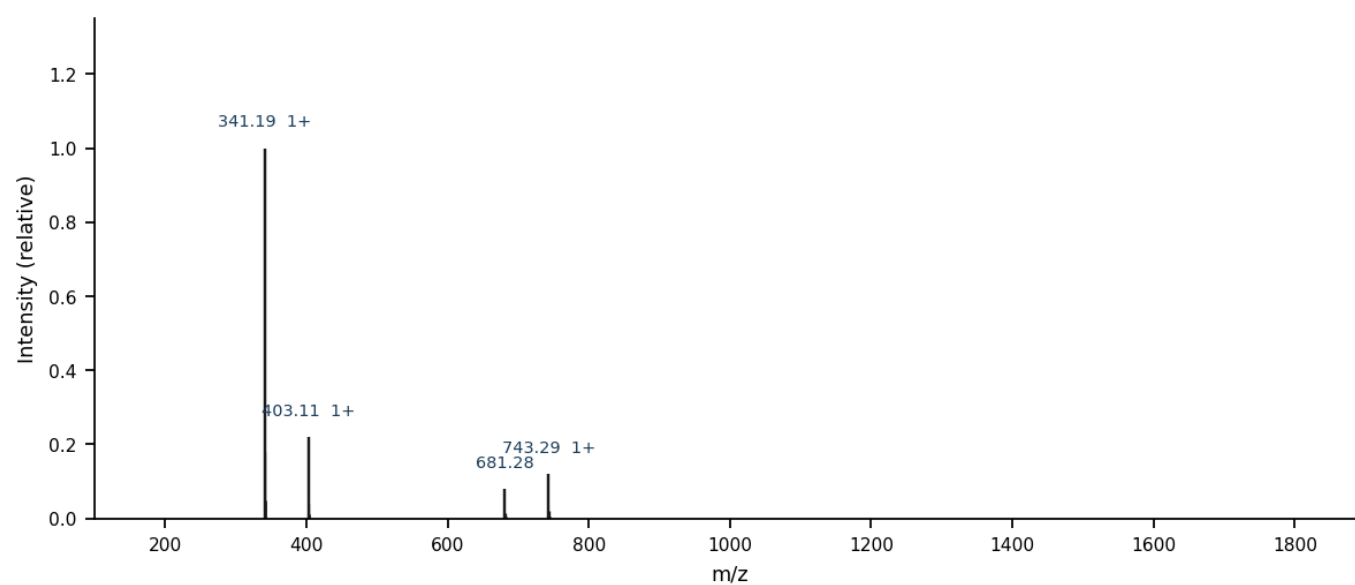
Mass spectrometry — identity

Identity assigned by HPLC-MS retention time and observed m/z .

Dominant isotopic peaks are listed. Monoisotopic mass is approximated from the labeled base peak and charge state. Instrument filenames and acquisition headers are omitted.

Recorded ions

Observed m/z	Charge	Interpretation
341.19	1+	Free GHK, $[M+H]^+$
403.11	1+	GHK-Cu, $[M+H]^+$
681.28	1+	Minor related ion
743.29	1+	Minor related ion



BPC-157

Pentadecapeptide

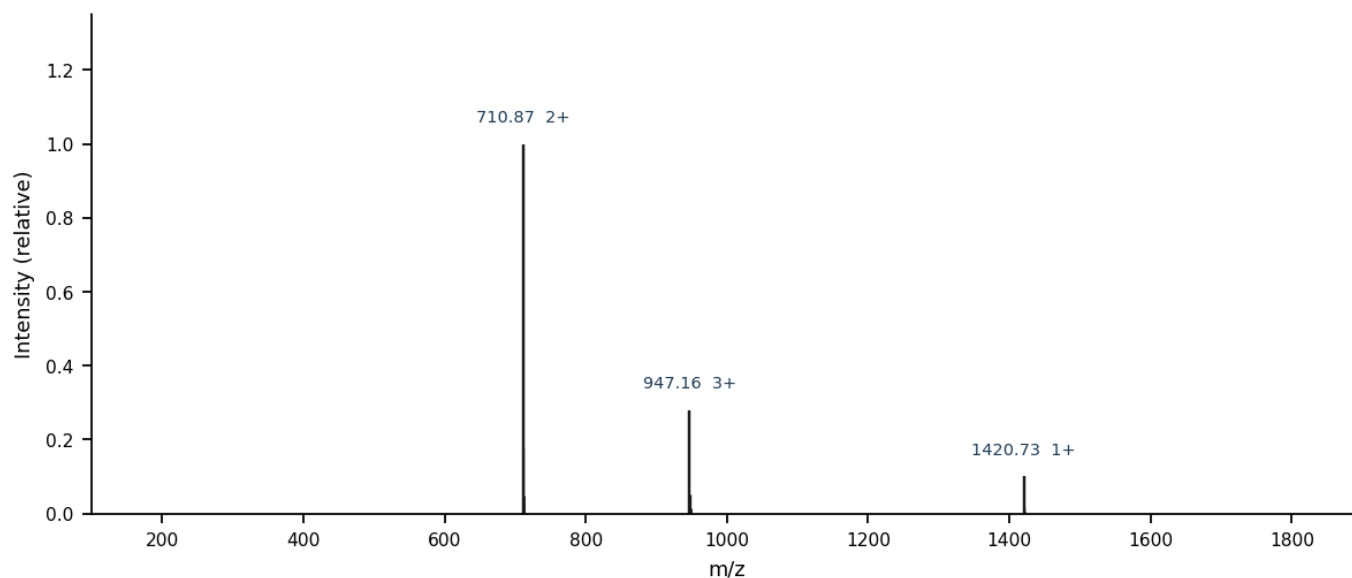
Mass spectrometry — identity

Identity assigned by HPLC-MS retention time and observed m/z.

Dominant isotopic peaks are listed. Monoisotopic mass is approximated from the labeled base peak and charge state. Instrument filenames and acquisition headers are omitted.

Recorded ions

Observed m/z	Charge	Interpretation
710.87	2+	[M+2H] ²⁺
947.16	3+	Labeled ion on source spectrum
1420.73	1+	[M+H] ⁺



TB-500 (fragment 17-23)

Thymosin beta-4 fragment 17-23

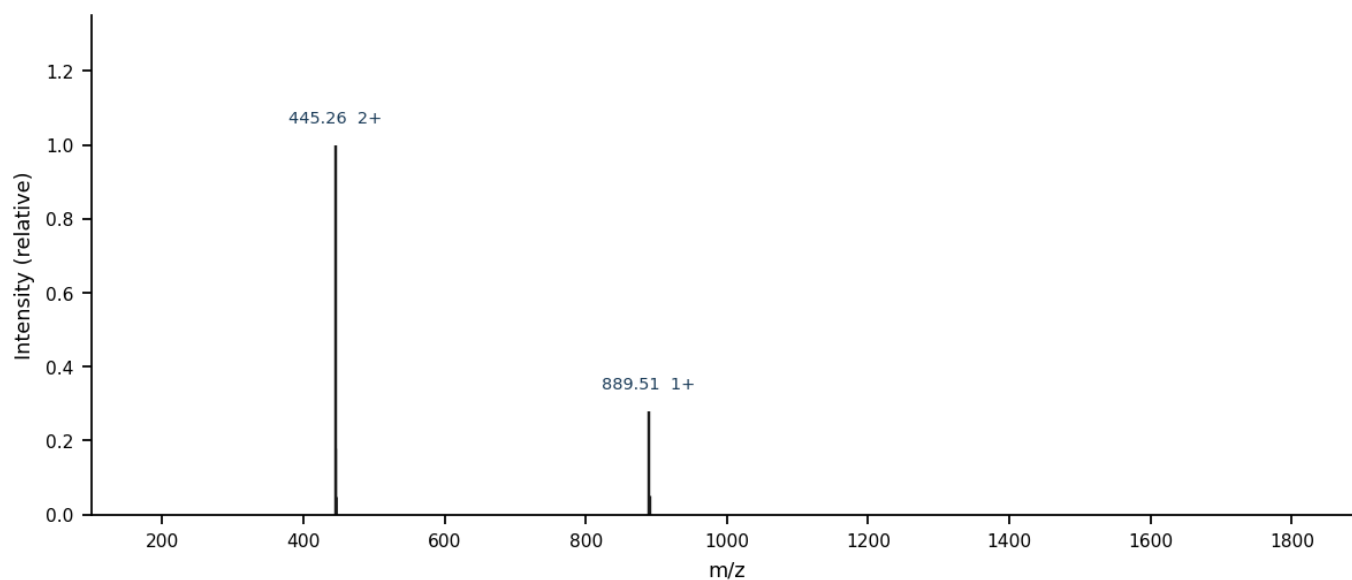
Mass spectrometry — identity

Identity assigned by HPLC-MS retention time and observed m/z.

Dominant isotopic peaks are listed. Monoisotopic mass is approximated from the labeled base peak and charge state. Instrument filenames and acquisition headers are omitted.

Recorded ions

Observed m/z	Charge	Interpretation
445.26	2+	[M+2H] ²⁺
889.51	1+	[M+H] ⁺



KPV

Lys-Pro-Val

Mass spectrometry — identity

Identity assigned by HPLC-MS retention time and observed m/z.

Dominant isotopic peaks are listed. Monoisotopic mass is approximated from the labeled base peak and charge state. Instrument filenames and acquisition headers are omitted.

Recorded ions

Observed m/z	Charge	Interpretation
343.24	1+	[M+H] ⁺
685.46	—	Cluster / related ion
1027.69	1+	Cluster / related ion
1369.92	—	Cluster / related ion

