

CERTIFICATE OF ANALYSIS

COA #: **SD20261001_015_KLOW80**

SAMPLE INFORMATION

Client	VP Peptides	Accession #	SD20261001_015
Compound	KLOW80	Date Received	10/01/2026
Molecular Formula	Mixed — see composition	Date Reported	10/02/2026
Appearance	Blue lyophilized powder	Labeled Quantity	80mg
Sample Form	Lyophilized Vial	Lot / Batch #	012608222280L
Storage	Room Temp	CAS Number	N/A
Cap Color	Orange		



BLEND COMPOSITION KLOW80

Component	Content	Observed Mass	Identity
GHK-Cu	52.33 mg	402	Confirmed
BPC-157	11.87 mg	710	Confirmed
TB-500	12.24 mg	889	Confirmed
KPV	9.69 mg	343	Confirmed

GHK-Cu reported as GHK content (Copper content):

All Chemical Analysis Performed by LC-MS/MS

ANALYTICAL RESULTS

Test / Analysis	Method	Specification	Result	Status
Purity (Whole Vial)	LC-MS/MS	Report value	99.72%	Pass

John Humes, MS. **John Humes, MS.**
Analyzed by · Laboratory Analyst · 10/02/2026

Chetan Soni, PhD. **Chetan Soni, PhD.**
Approved by · Laboratory Director · 10/03/2026

IMPORTANT NOTICE - FOR RESEARCH USE ONLY

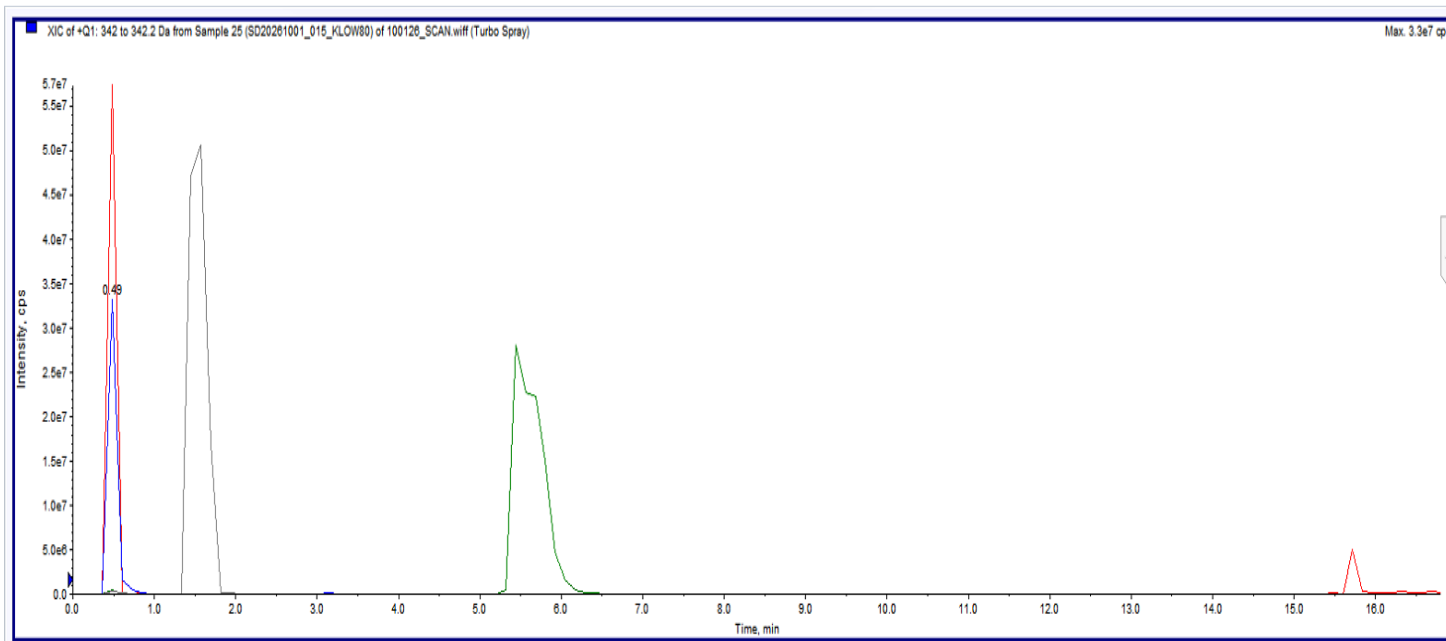
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ANALYTICAL DATA

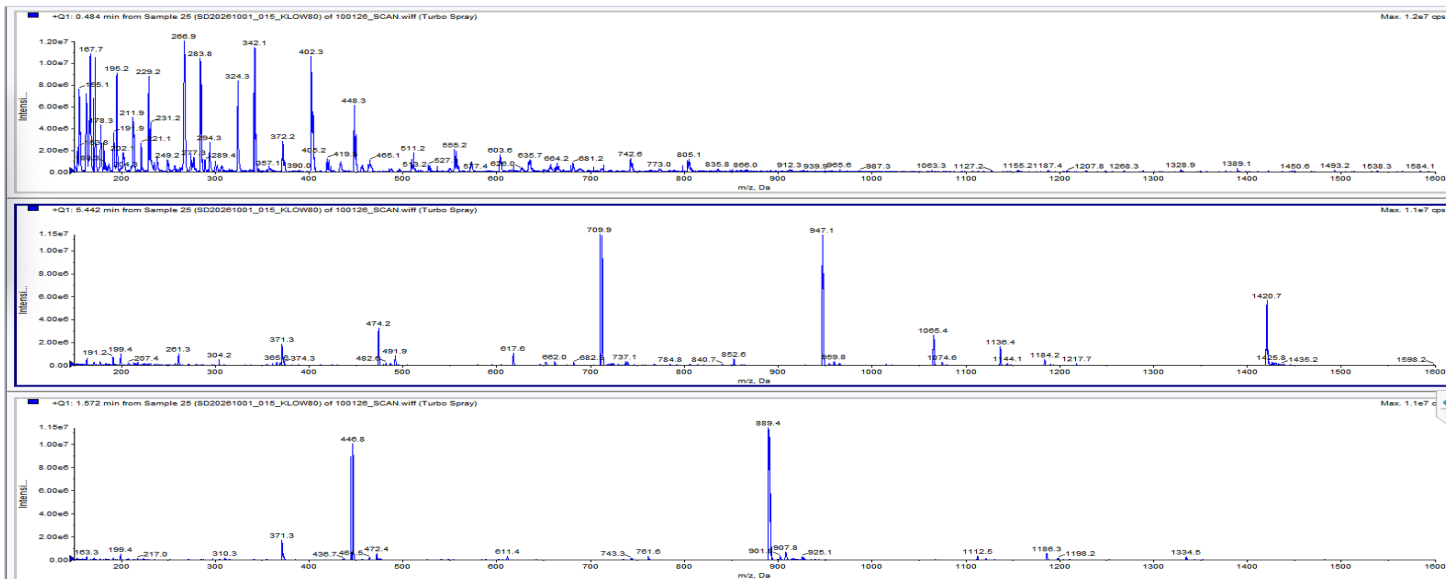
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CHROMATOGRAM



MASS SPECTRUM (LC-MS)



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ANALYTICAL INTERPRETATION

Chromatogram

Retention Time Match

Mass Spectrum (LC-MS)

Analyte: KLOW 4-Peptide Blend (GHK-Cu, KPV, Thymosin Beta–derived peptide, BPC-157)

Method: LC-MS, positive-mode Q1 full scan

Identity by Q1 Full Scan (Component-Level)

Earliest RT — GHK-Cu + KPV

GHK-Cu observed:

402.3m/z [GHK-Cu + H] (1+)

KPV observed:

343 m/z region [KPV + H] (1+)

Interpretation: earliest retention time shows two small-peptide envelopes with simple 1+ charge states, consistent with GHK-Cu and KPV.

Intermediate RT — Thymosin Beta–derived peptide

Key observed ion:

884m/z TB multi-charged envelope (5+ region)

Additional supporting ions:

~710–950m/z higher charge states (6+–7+)

~1065–1218m/z lower charge states (4+–5+)

Interpretation: broad multi-charge peptide envelope with a prominent 884m/z ion, confirming the Thymosin Beta–derived peptide.

Latest RT — BPC-157

Observed ions:

710.7m/z [BPC-157 + 2H]²

947.7m/z [BPC-157 + 3H]³

Interpretation: clear 2+ and 3+ charge-state pattern at the latest retention time, consistent with BPC-157.

Identity Conclusion

Identity by LC-MS Q1 full scan — KLOW 4-peptide blend confirmed.

The earliest RT contains GHK-Cu and KPV, the intermediate RT shows the Thymosin Beta envelope anchored by the 884m/z ion, and the latest RT shows the expected BPC-157 2+ / 3+ charge-state pattern. All observed ions are consistent with the declared components.

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