

Client: Instant Peptides

Certified: 06/20/2026

This Certificate of Analysis certifies that the sample listed herein was tested by Kovera Labs using validated analytical methods and was found to meet the stated specifications at the time of analysis.

SAMPLE INFORMATION

Product	Semax	Form	Lyophilized powder
Batch	2026-0288-C	Labeled Qty	10 mg
Mol. Formula	C37H51N9O10S	CAS Number	80714-61-0
Cap Color	Red	Crimp Color	Silver

TEST RESULTS

	REFERENCE STANDARD	RESULT	
Batch Avg Purity	(>98%)	99.540%	✓
Batch Avg Net Content	(~10mg)	12.52 mg	✓
Identity Confirmation (LC-MS)	(Semax)	Semax	✓
Endotoxin Safety Screen	(≤0.5 EU/mL)	PASS	✓
Fentanyl Presence Analysis	(Not Detected)	Not Detected	✓
14 Day Sterility Screening	(No Growth)	No Growth	✓

HEAVY METAL SCREENING

Analyte	Result	Status
Arsenic (As)	Negative	✓
Cadmium (Cd)	Negative	✓
Lead (Pb)	Negative	✓
Mercury (Hg)	Negative	✓

BATCH CONFORMITY RESULTS

Vial	Purity (%)	Net Content (mg)
Vial 1	99.461	12.52
Vial 2	99.558	12.68
Vial 3	99.601	12.36
Batch Average	99.540%	12.52 mg

CHROMATOGRAM

Method: RP-HPLC | Column: C18 | Detection: DAD @ 214 nm

