

SAMPLE IDENTIFICATION

Peptide:	SEMAX	Date Requested:	N/A
Client:	Jupiter Peptides	Date Received:	May 18, 2026
Vendor:	Jupiter Peptides	Date Tested:	May 23, 2026
Lot Number:	JP-S1-052526	Date Reported:	May 25, 2026

HPLC-UV PURITY & CONTENT ANALYSIS

Expected Content 10 mg	Mass 10.78 mg	Purity 100.00%	Fill Accuracy 107.8%
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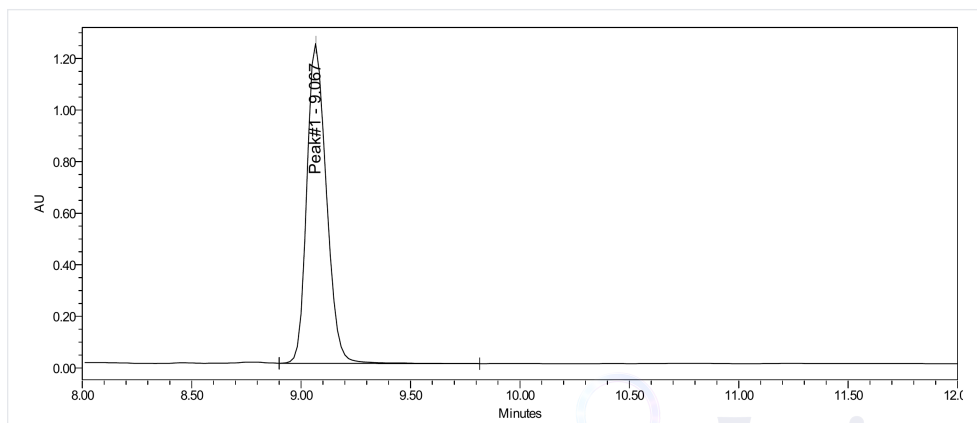
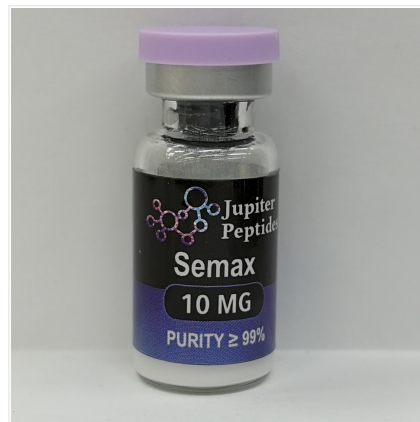


Fig. 1 - HPLC-UV Chromatogram at 214nm



Appearance

Appearance: **White Lyophilized Powder**

BACTERIAL ENDOTOXIN TEST (USP <85>)

Method	Result	Specification	Verdict
Kinetic LAL (USP <85>)	< 0.125 EU/mL	<= 0.125 EU/mL	PASS

Interpretation: Endotoxin not detected (0.125 EU/mL) at validated 1:16 dilution (3.0 mL reconstituted vial).

ELEMENTAL IMPURITIES (USP <233>)

Element	Method	Result (PPM)	Limit (PPM)	Verdict
Arsenic (As)	ICP-MS	0.001	< 1.5	PASS
Cadmium (Cd)	ICP-MS	0.001	< 0.5	PASS
Lead (Pb)	ICP-MS	0.001	< 0.5	PASS
Mercury (Hg)	ICP-MS	0.001	< 0.15	PASS

Overall: All metals within specification

This Certificate of Analysis is provided for informational and research purposes only.



Digital Verification