

Sample Received: 14 Jul 2026

Report Date: 17 Jul 2026

COA Issued: 17 Jul 2026

PRODUCT INFORMATION

CLIENT Blitzlab.eu	SAMPLE NAME Semax 10 mg	SAMPLE TYPE White Lyophilized Powder	MOLECULAR WEIGHT Multi-component blend
BATCH NUMBER BL-000577	CHAIN OF CUSTODY ID COC-6-00577	LABORATORY REPORT ID LR-6-00577	DATE OF ANALYSIS 16 Jul 2026

ANALYTICAL METHODS

Primary Method: HPLC-UV coupled with Mass Spectrometry (LC-MS) · Identity: Mass Spectrometric Molecular Weight Confirmation · Purity: Reverse-Phase HPLC (214 nm)

TEST RESULTS

SPECIFICATION	RESULT	METHOD	STATUS
Reference Standard	Batch Avg. Purity >99.0%	Certified Reference Material	✓ Confirmed
Identity Confirmation	Semax	ESI-LC-MS	✓ Confirmed
Purity (HPLC)	99.474%	RP-HPLC (214 nm)	✓ PASS
Content Assay	10.23 mg/vial	HPLC Quantitation	✓ PASS
Endotoxin Safety Screen	<0.5 EU/mL	LAL Assay	✓ PASS
Heavy Metal Screen	Negative	ICP-MS	✓ PASS
Microbial Sterility Screen	No Growth Detected	USP <71>	✓ PASS

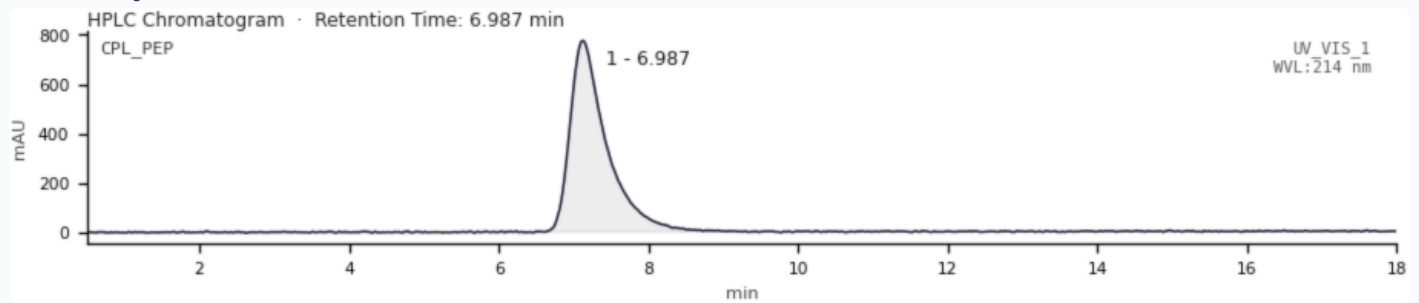


CONFIRMED

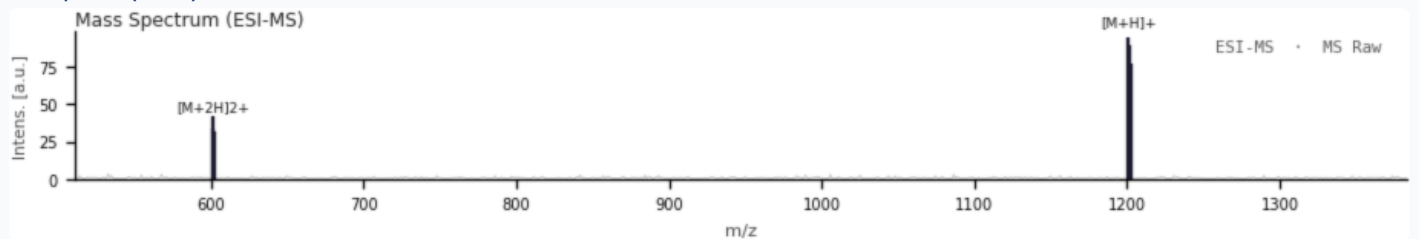
Sample meets all established analytical specifications for research use.

ANALYTICAL DATA

HPLC Chromatogram · Retention Time: 6.987 min



Mass Spectrum (ESI-MS)



CHROMATOGRAM SUMMARY

PK#	RT (MIN)	AREA	HEIGHT	AREA%
1	6.987	64,085	18,650	99.474
2	8.922	339	107	0.526
Total		64,424		100.000

Verified at: <https://clearpeaklabs.com/verify/CPL-2026-00577>

This COA is issued by ClearPeak Labs (clearpeaklabs.com) for research purposes only. Results apply to the submitted sample. Retain this document for quality records.

Contact: info@clearpeaklabs.com

Dr. Marcus Hartwig

Reviewed & released 17/07 - MH

Dr. M. Hartwig | Senior Analytical Chemist
ClearPeak Labs — QC Division



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