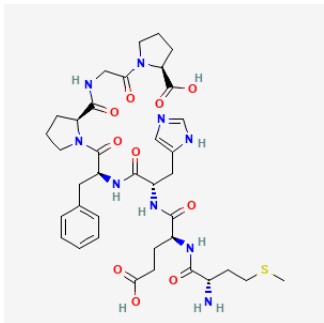


CERTIFICATE OF ANALYSIS

COA Number **PMS-7265287220**
Client **Renovita Research LLC**
Product **Semax**
Received Date **08/19/2026**
Report Date **08/20/2026**
Lot Number **MYA2608XA10- RR-SEMR-0819**

PRODUCT IDENTIFICATION			
Compound Name	Semax	CAS No.	80714-61-0
Molecular Formula	C37H51N9O10S	Molecular Weight	813.9 g/mol
Appearance	White Lyophilized Powder	Packing Size	10mg
Sequence:	H-Met-Glu-His-Phe-Pro-Gly-Pro-OH		



MOLECULAR STRUCTURE



PRODUCT VIAL

All chemical analysis performed by HPLC with UV Detection coupled with LC-MS/MS under standard laboratory conditions.

ANALYTICAL RESULTS			
Test	Specification	Result	Status
Purity (HPLC)	>= 90.0%	99.43%	PASS
Mass Identification	Semax confirmed	Confirmed	PASS
Net Peptide Content	>= 90% of 10 mg	10.67 mg	PASS
Water Content (Karl Fischer)	<= 10.0%	4.01%	PASS
Acetate Content (HPLC)	< 12.0%	3.57%	PASS
Heavy Metals (ICP-MS)	< 10 ppm	Not Detected	PASS
Bacterial Endotoxins (LAL)	< 5 EU/mg	Not Detected	PASS
Sterility (RMM)	USP <71>	Not Tested	-
Mass Balance	95.0 – 105.0%	Conforms	PASS

ANALYST NOTES	
Blended conformity on 2 vials shows on the reflected purity and net peptide content listed above.	

Lee Adams

Lee Adams
Sr. Lab Tech

COA: PMS-7265287220

The analysis reported herein was conducted using HPLC-UV and LC-MS/MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The compounds tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables. The sample image included in this Certificate of Analysis was provided by the client during intake. For research use only.