Certificate of Analysis

Website: https://peptide.wumolab.com/

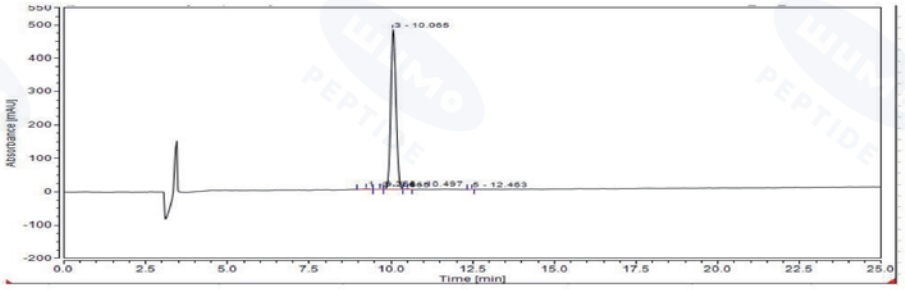
Contact at peptide@wumolab.com

Product Name	**Semax 30mg/vial**	**Received Date**	July 22, 2026
Batch No.	WMSA20260706	**Reported Date**	July 29, 2026
Sample description	White lyophilized powder in labeled vial	**Tests requested**	Identity and purity assessment of peptide vial sample

Specification	Result	Method	Status
Identity	**Semax**	ESI-MS	√ Conforms
Fill Amount / Label Claim	**30 mg/vial**	Filling Record	√ Conforms
Purity	**99.78%**	RP-HPLC (220 nm)	√ Conforms

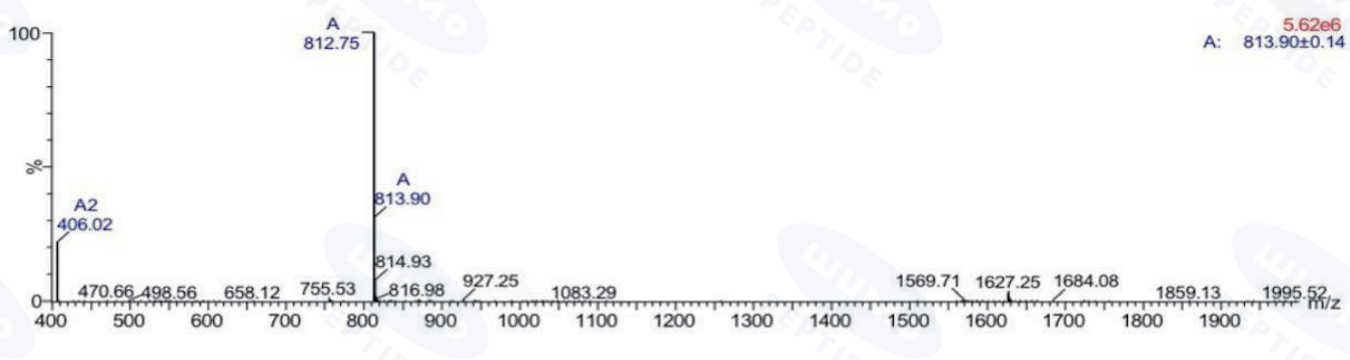
HPLC Chromatogram (Retention Time: 10.065 min)





No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %	Amount
1		9.258	0.421	0.05	0.01	0.33	n.a.
2		9.665	0.106	0.43	0.09	0.10	n.a.
3		10.065	87.264	482.04	99.78	99.11	n.a.
4		10.497	0.291	0.29	0.06	0.39	n.a.
5		12.463	0.032	0.29	0.06	0.07	n.a.
Total			88.115	483.10	100.00	100.00	

Mass Spectrum (ESI-MS)



Remarks: For laboratory research use only. Not for human or veterinary use.

Checked By

He Yiji

This report summarizes the test results for the submitted sample. Purity was analyzed by RP-HPLC, and identity was assessed by ESI-MS. The results apply only to the tested batch/sample and are provided for research and quality-control reference only.