

Client: **Northwest Peptides**
 support@northwestpeptides.com
 www.northwestpeptides.com

Sample received: **12/15/25**
 Analysis conducted: **12/30/25**

Compound:	Semax	CAS:	80714-61-0
Batch/Lot #:	XA11-20251102	Formula:	C37H51N9O10S
Appearance:	White lyophilized powder	Mol Wt:	813.9 g/mol

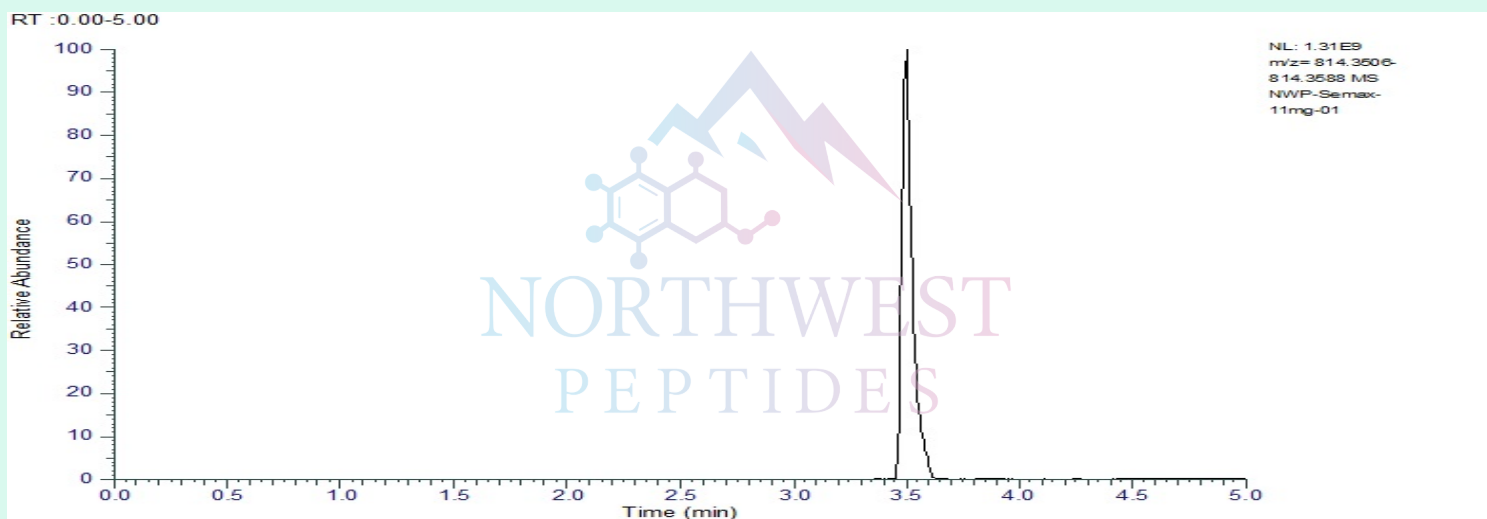
Method: Qualitative and Quantitative chemical analysis by Ultra High Performance Liquid Chromatography with Mass Spectrometry

Pubchem CID: 9811102

Semax | C37H51N9O10S | CID 9811102

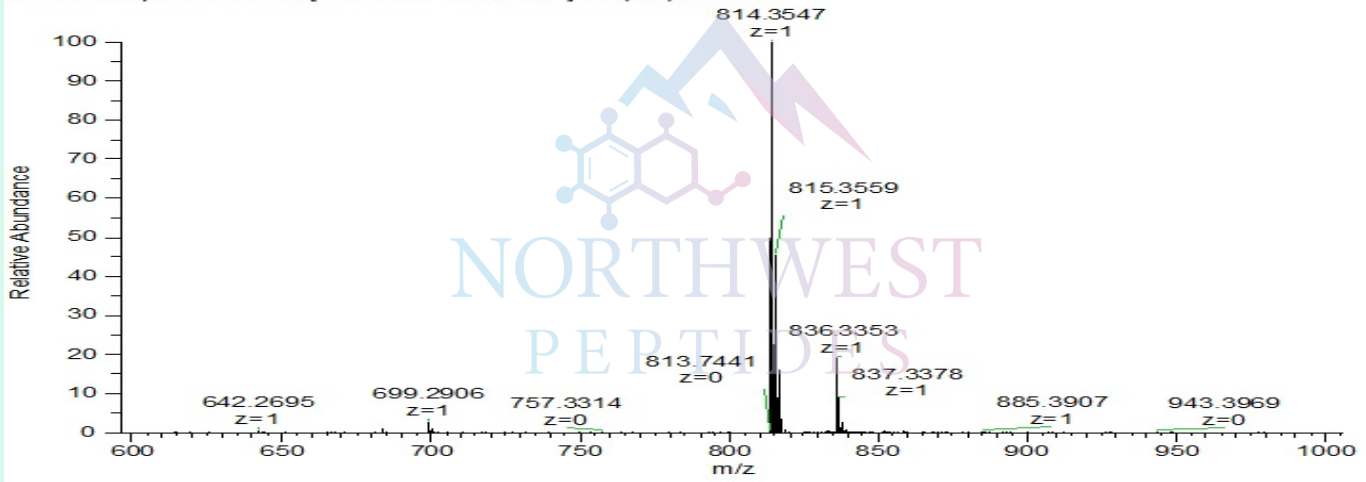
	Specification	Result	
Identity Test:	Semax	Semax	Conforms
Quantity:	11 mg ± 15%	10.46 mg	Conforms
Purity:	>99%	99.51%	Conforms

LC-MS Chromatogram: Retention Time and Peak Analysis



Full Scan Mass Spectrometry Analysis

NWP-Semax-11mg-01 #422 RT: 3.50 AV: 1 NL: 1.26E9
T: FTMS + p ESI Full ms [600.0000-1000.0000] IIT (ms): 0.7700



Analysis Performed by

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Analytical Chemist
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Roberto Marin