

TEST REPORT

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Task Number > #2601428

Received Date > 04/02/2026

COA Key > 2601428

Reported Date > 04/11/2026



Authentic Results
Results shall be open and transparent.



Accurate Reports
Accurate data.verified multiple times



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Sample Semax 10mg

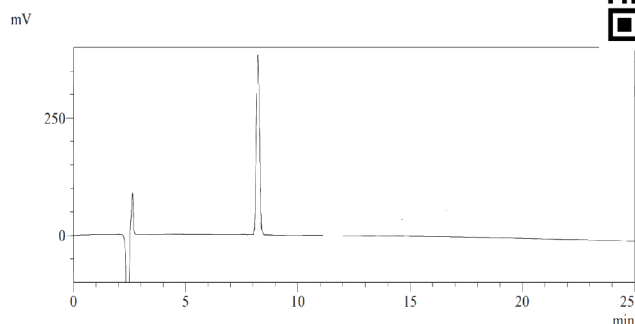
Batch 26014

Sample description >

See picture or pictures attached.

Tests requested >

Assessment of a peptide vial or vials.



Peak #	Ret. Time	Area %
1	8.852	99.763

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	10.15 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.8%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

TEST PARAMETERS

Pump A	100% acetonitrile
Pump B	0.01N K2PO4 in 100% water
Total Flow	1.0ml/min
Wavelength	220nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	30uL

CONCLUSION

One 3ml vial contained a white lyophilized powder and has a red flip off cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% Semax (10.15 mg), and the rest are impurities of minor significance.

Research and Formulation Chemist

This purity analysis was conducted using UPLC/MS under standard laboratory conditions, following validated analytical protocols to ensure accurate and reliable results. This analysis is intended for informational and research applications.