



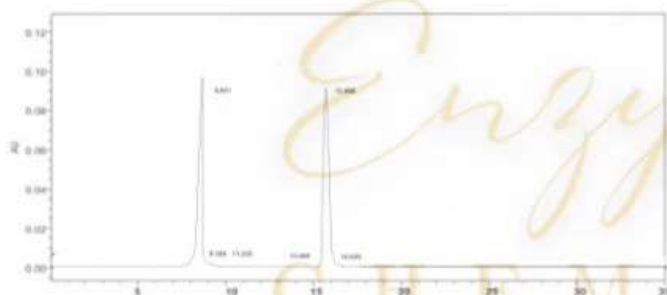
CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Selank 5 mg / Semax 5mg
Client Name/Lot No.	Enzymic Chemical Supply
Sequence	Thr-Lys-Pro-Arg-Pro-Gly-Pro
Dissolution condition	100% H2O
Length	7AA
Molecular Weight	859.97g/mol

CHROMATOGRAM

mV



Peak #	Ret. Time	Area %
1	8.851	48.424
2	9.169	0.069
3	11.225	0.123
4	13.469	0.155
5	15.868	51.023
6	16.636	0.206

TEST RESULTS

	Specifications	Results
Strength	Selank 5.00 mg Semax 5.00 mg	5.12 mg 5.75 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.4%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.6%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	20uL

CONCLUSION

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.4% Selank (5.12 mg) and Semax (5.75mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
01/29/2025

****Verify the validity of test results by contacting support@foreveryoungpharmacy.com****