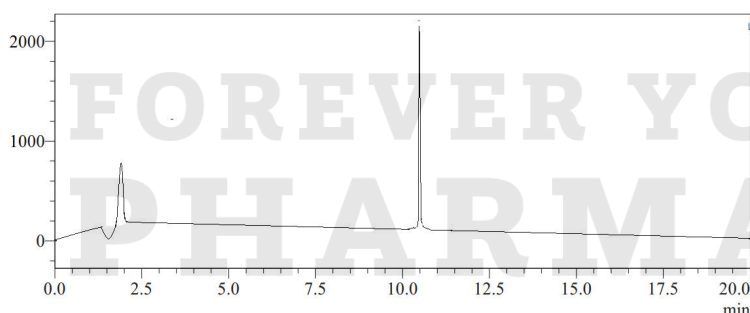


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	TB-500 2mg
Client Name/Lot No.	Advanced Research / Lot# TB/102-10
Sequence	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-LysPhe-A sp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-ThrGln-Glu-Lys-A sn-Pro Leu-Pro-Ser-Lys-Glu-Thr-IleGlu-Gln-Glu-Lys-Gl n-Ala-Gly-Glu-Ser
Dissolution condition	100% H2O
Length	43AA
Molecular Weight	4963.4g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	11.010	0.163
2	11.044	99.702
3	11.269	0.135

TEST RESULTS

	Specifications	Results
Strength	2.00 mg	6.49 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.7%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.3%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.9 ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	20uL

CONCLUSION

One 3 mL contained a white lyophilized powder and has a blue cap and silver crimp with Lot# TB/102-10.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% TB-500 (6.49 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
06/19/2025



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