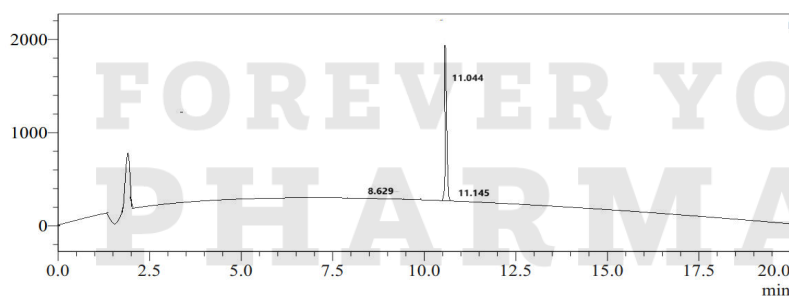


**CERTIFICATE OF ANALYSIS**

**SAMPLE INFORMATION**

<b>Product Name</b>	TB-500 (TB4) 10mg
<b>Client Name/Lot No.</b>	Forever Young Pharmacy / Lot# 2421082
<b>Sequence</b>	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
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	43AA
<b>Molecular Weight</b>	4963.4g/mol

**CHROMATOGRAM**



Peak #	Ret. Time	Area %
1	8.629	0.387
2	11.044	0.611
3	11.145	99.402

**TEST RESULTS**

	Specifications	Results
<b>Strength</b>	10.00 mg	11.55 mg
<b>Appearance</b>	White to off white powder	Conforms
<b>Purity</b>	≥98.0%	99.4%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.4%

**TEST PARAMETERS**

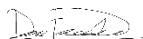
<b>Pump A</b>	0.1% trifluoroacetic in 100% water
<b>Pump B</b>	0.1% trifluoroacetic in 100% acetonitrile
<b>Total Flow</b>	0.9 ml/min
<b>Wavelength</b>	214nm
<b>Analytical Column Type</b>	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
<b>Dissolution Method</b>	100% H2O
<b>Injection Volume</b>	20uL

**CONCLUSION**

One 3 mL contained a white lyophilized powder and has a clear cap with a silver foil.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.4% TB-500 (11.55 mg), and the rest are impurities of minor significance.

**CERTIFIED BY:**



Dane Fredericksen  
Analytical Chemist

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