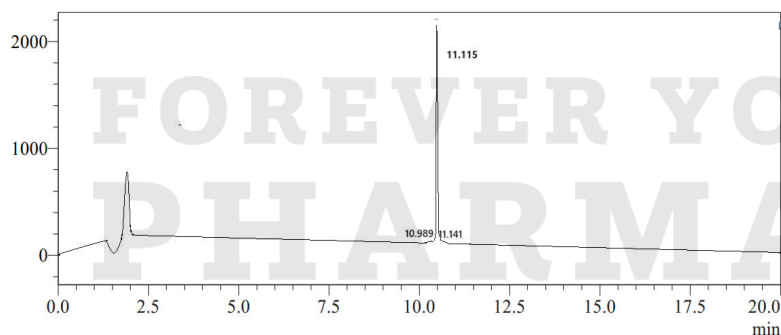


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	Thymosin Beta 4 10mg
<b>Client Name/Lot No.</b>	Biopep LLC / Lot# 25059
<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	10.989	0.085
2	11.115	99.788
3	11.141	0.127

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	10.00 mg	10.05 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.8%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

### 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

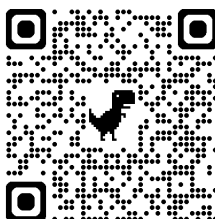
One 3 mL contained a white lyophilized powder and has a black cap with silver crimp and is Lot# 25059.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% Thymosin Beta 4 (10.05 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:

*Dane Fredericksen*

Dane Fredericksen  
Analytical Chemist  
03/07/2025



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