

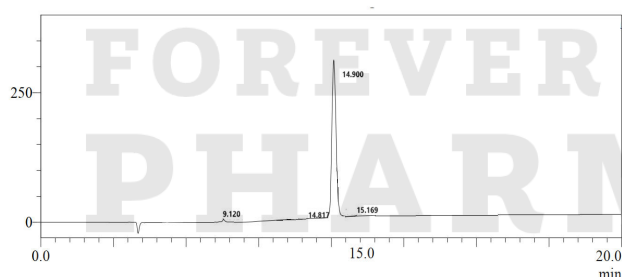


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	Tesamorelin 10 mg
<b>Client Name/Lot No.</b>	Biopep Research Peptides / Lot #25069
<b>Sequence</b>	trans-hexenoyl-acid-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH <sub>2</sub>
<b>Dissolution condition</b>	100% H <sub>2</sub> O
<b>Length</b>	44AA
<b>Molecular Weight</b>	5135.86 g/mol

### CHROMATOGRAM



Peak #	Ret. Time	Area %
1	9.120	0.169
2	14.817	0.010
3	14.900	99.801
4	15.169	0.020

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	10.00 mg	10.52 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	7.5
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	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>	1.0ml/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% H <sub>2</sub> O
<b>Injection Volume</b>	30uL

### CONCLUSION

One 3ml vial contained a white lyophilized powder and has a blue flip off cap and silver crimp with Lot #25069.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% tesamorelin (10.52 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:

Dane Fredericksen  
Analytical Chemist  
03/17/2025



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