

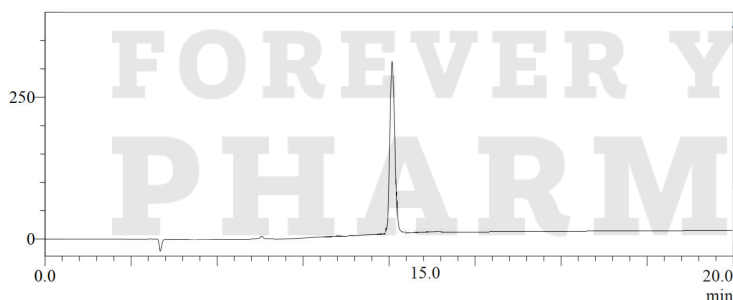


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Tesamorelin 10 mg
Client Name/Lot No.	Advanced Research LLC / Lot# TS/102-07
Sequence	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 ₂
Dissolution condition	100% H ₂ O
Length	44AA
Molecular Weight	5135.86 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	14.314	99.697%

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	11.29 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%	0.1%
	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	1.0ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H ₂ O
Injection Volume	30uL

CONCLUSION

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% tesamorelin (11.29 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
08/25/2025



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