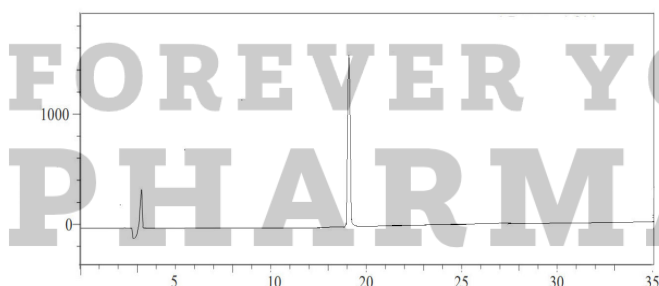


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	Retatrutide 10 mg
Client Name/Lot No.	Biopep LLC / Lot# 25102
Sequence	Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile- $\{\alpha$ -Me-Leu}-Leu-Asp-Lys-{diacid-C20-gamma-Glu-(AEEA)-Lys}-Ala-Gln-{Aib}-Ala-Phe-Ile-Glu-Tyr-Leu-Leu-Glu-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH ₂ (sodium salt)
Dissolution condition	100% H ₂ O
Length	39AA
Molecular Weight	4813.6 g/mol

CHROMATOGRAM

Peak #	Ret. Time	Area %
1	8.369	0.066
2	10.299	0.100
3	19.990	99.745
4	19.222	0.089

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	11.21 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	220nm
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 clear cap with a red crimp and is Lot# 25102.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% retatrutide (11.21 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
04/15/2025



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