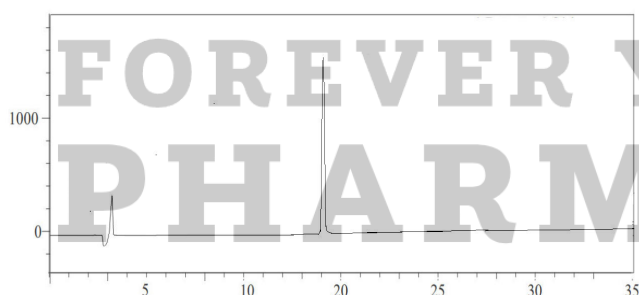


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	Retatrutide 10mg
Client Name/Lot No.	Encompass Peptides
Sequence	Tyr-{Aib}-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-(α -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	4731.33 g/mol

CHROMATOGRAM

Peak #	Ret. Time	Area %
1	19.992	99.618

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	10.27 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.6%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.4%

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 5 μ m C18 (4.6*250mm*5 μ m)
Dissolution Method	100% H ₂ O
Injection Volume	30 μ L

CONCLUSION

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.6% retatrutide (10.27 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
07/23/2025



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