

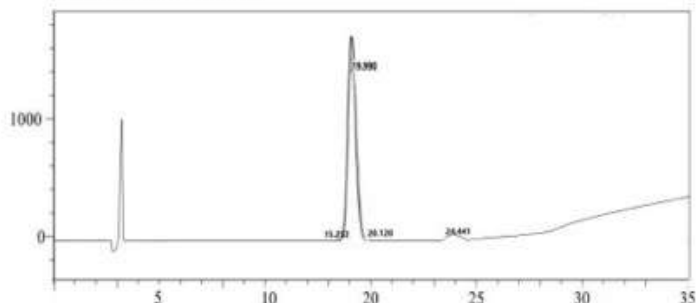


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Retatrutide 10mg
Client Name/Lot No.	Enzymic Chemical Supply
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	15.252	0.071
2	19.990	99.505
3	20.120	0.023
4	24.441	0.401

TEST RESULTS

	Specifications	Results
Strength	10.00 mg	10.45 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.5%
pH value	6.0-8.0	7.1
Impurity	Single Impurity ≤1.0%	0.4%
	Total Impurity ≤2.0%	0.5%

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.5% retatrutide (10.45 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
12/09/2024

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