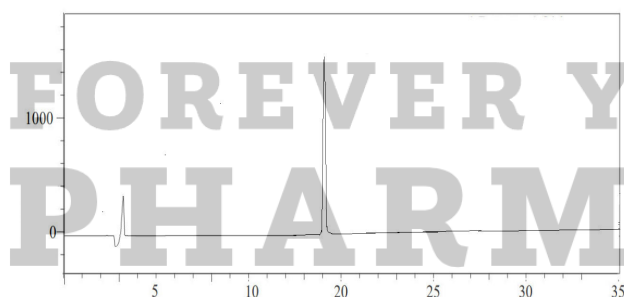


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

<b>Product Name</b>	Retatrutide 15 mg
<b>Client Name/Lot No.</b>	Forever Young Pharmacy /Lot# 25RET1501
<b>Sequence</b>	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 <sub>2</sub> (sodium salt)
<b>Dissolution condition</b>	100% H <sub>2</sub> O
<b>Length</b>	39AA
<b>Molecular Weight</b>	4813.6 g/mol

**CHROMATOGRAM**

Peak #	Ret. Time	Area %
1	5.339	0.033
2	7.799	0.070
3	15.950	0.052
4	19.991	99.686
5	21.400	0.159

**TEST RESULTS**

	Specifications	Results
<b>Strength</b>	15.00 mg	15.66 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.7%
<b>pH value</b>	6.0-8.0	7.5
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.3%

**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>	220nm
<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 an orange cap with silver crimp and is Lot# 25RET1501.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% retatrutide (15.66 mg), and the rest are impurities of minor significance.

**CERTIFIED BY:**

Dane Fredericksen  
Analytical Chemist



**\*\*Verify the validity of test results by using the above QR code or contacting support@foreveryoungpharmacy.com\*\***