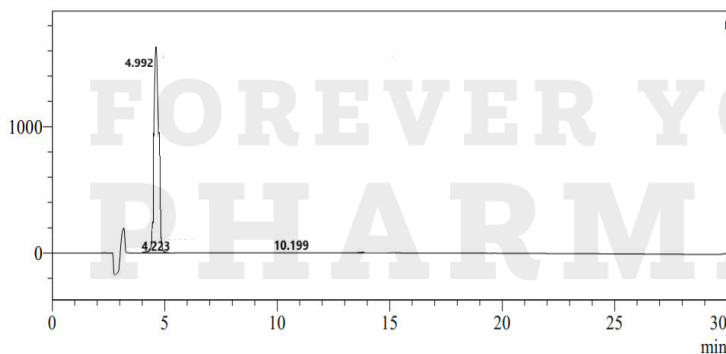


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	Tirzepatide 10mg
<b>Client Name/Lot No.</b>	Biopep LLC / Lot# 25084
<b>Sequence</b>	Tyr-{Aib}-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Ile-{Aib}-Leu-Asp-Lys-Ile-Ala-Gln-{diacid-C20-gamma-Glu-(AEEA)2-Lys}-Ala-Phe-Val-Gln-Trp-Leu-Ile-Ala-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser-NH2
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	39AA
<b>Molecular Weight</b>	4813.5 g/mol

### CHROMATOGRAM



Peak #	Ret. Time	Area %
1	4.223	0.232
2	4.992	99.692
3	10.199	0.076

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	10.00 mg	11.85 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% H2O
<b>Injection Volume</b>	20uL

### CONCLUSION

A 3ml vial contained a white lyophilized powder and has a clear cap with a red crimp and is Lot# 25084.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% tirzepatide (11.85 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:

*Dane Fredericksen*

Dane Fredericksen  
Analytical Chemist  
03/27/2025



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