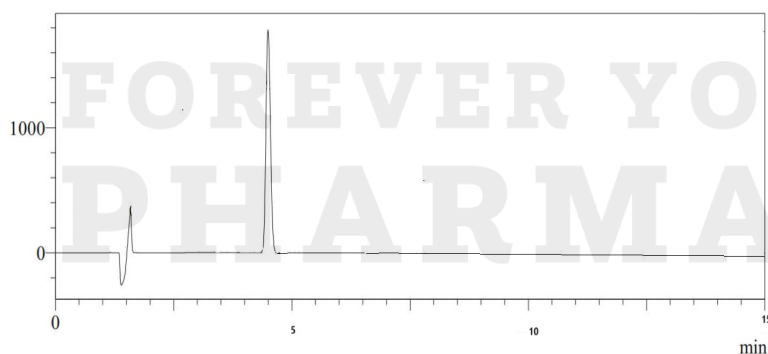


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

| | |
|------------------------------|--|
| Product Name | Tirzepatide 15mg |
| Client Name/Lot No. | Biopep / Lot# 25115 |
| Sequence | 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-Ser-NH2 |
| Dissolution condition | 100% H2O |
| Length | 39AA |
| Molecular Weight | 4813.5 g/mol |

CHROMATOGRAM



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 4.572 | 99.798 |
| 2 | 5.111 | 0.099 |
| 3 | 7.201 | 0.103 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 15.00 mg | 17.33 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 99.8% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.1% |
| | Total Impurity ≤2.0% | 0.2% |

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% H2O |
| Injection Volume | 20uL |

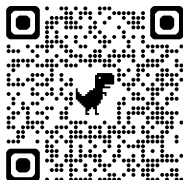
CONCLUSION

A 3ml vial contained a white lyophilized powder and has a blue flip off cap with silver crimp with Lot# 25115.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% tirzepatide (17.33 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
05/02/2025



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