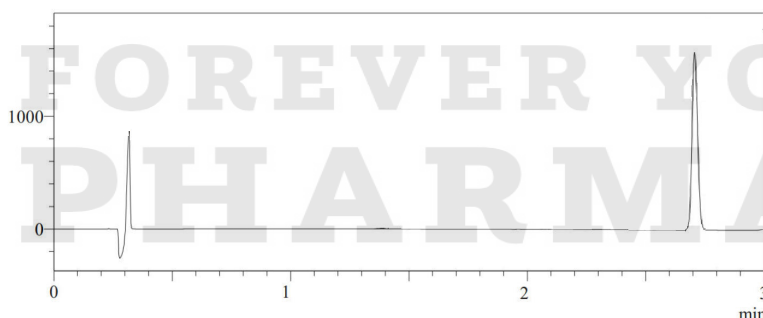


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

| | |
|------------------------------|--|
| Product Name | Semaglutide 20mg |
| Client Name/Lot No. | GG Peptides |
| Sequence | H-His-Aib-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys(C18-diacid-gamma-Glu-OEG-OEG)-Glu-Phe-Ile-Ala-Trp-Leu-Val-Arg-Gly-Arg-Gly-OH |
| Dissolution condition | 100% H2O |
| Length | 31AA |
| Molecular Weight | 4113.6 g/mol |

CHROMATOGRAM



| Peak # | Ret. Time | Area % |
|--------|-----------|--------|
| 1 | 1.383 | 0.207 |
| 2 | 2.591 | 0.198 |
| 3 | 2.731 | 99.513 |
| 4 | 2.998 | 0.082 |

TEST RESULTS

| | Specifications | Results |
|-------------------|---------------------------------------|----------|
| Strength | 20.00 mg | 20.87 mg |
| Appearance | White to off white lyophilized powder | Conforms |
| Purity | ≥98.0% | 99.5% |
| pH value | 6.0-8.0 | 7.0 |
| Impurity | Single Impurity ≤1.0% | 0.2% |
| | 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 | 220nm |
| Analytical Column Type | Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm) |
| Dissolution Method | 100% H2O |
| Injection Volume | 30uL |

CONCLUSION

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.5% semaglutide (20.87 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen

Dane Fredericksen
Analytical Chemist
07/12/2025



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