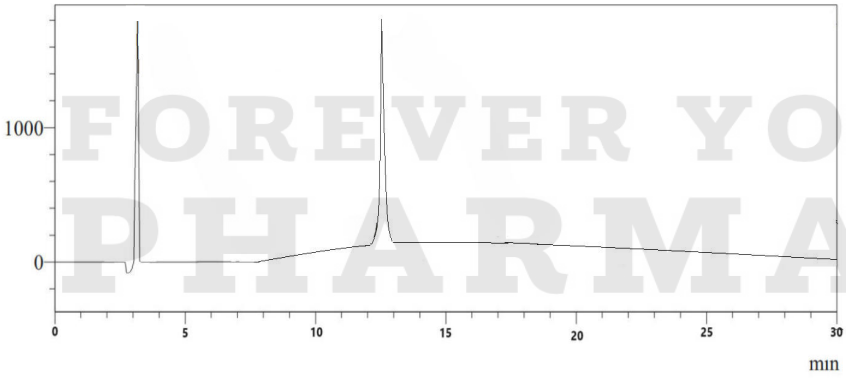
FOREVER YOUNG PHARMACY

The Science of Staying Young

CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Cagrilitinide 5mg and Semaglutide 5mg
Client Name/Lot No.	Certified Peptides
Sequence	Cagrilitinide: {Eicosanedioic acid-γ-Glu}-Lys-Cys-Asn-Thr-Ala-Thr-Cys-Ala-Thr-Gln-Arg-Leu-Ala-Glu-Phe-Leu-Arg-His-Ser-Ser-Asn-Asn-Phe-Gly-Pro-Ile-Leu-Pro-Pro-Thr-Asn-Val-Gly-Ser-Asn-Thr-Pro-NH2 Semaglutide: 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	Cagrilitinide: 40AA Semaglutide:31AA
Molecular Weight	Cagrilitinide: 4051.1 g/mol Semaglutide: 4113.6 g/mol



Peak #	Ret. Time	Area %
1	2.727	53.121
2	12.252	46.253

TEST RESULTS

	Specifications	Results
Strength	Cagrilitinide: 5.00 mg Semaglutide: 5.00 mg	Cag: 5.28 mg Sema: 5.73 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.4%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.6%

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 contains a white lyophilized powder and has a lavender cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.4% cagrilitinide (5.28 mg) and semaglutide (5.73 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
08/13/2025

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