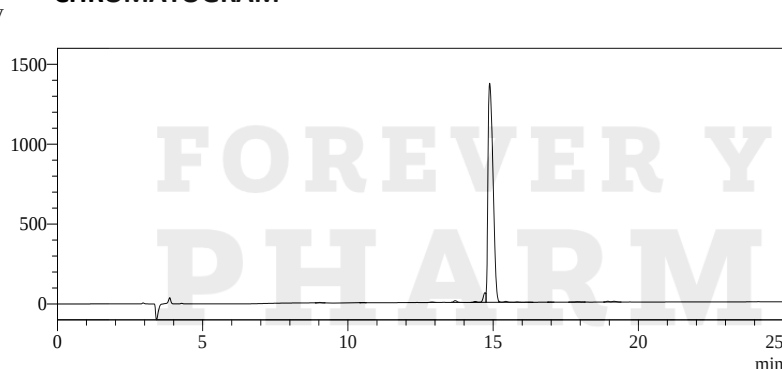


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	Ipamorelin 5 mg
Client Name/Lot No.	Biopep LLC / Lot# 25163
Sequence	Aib-His-D-2-Nal-D-Phe-Lys-NH2
Dissolution condition	100% H2O
Length	5AA
Molecular Weight	711.85 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	9.624	0.031
2	10.513	0.060
3	14.474	0.144
4	14.902	99.726
5	18.919	0.039

TEST RESULTS

	Specifications	Results
Strength	5.00 mg	5.79 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.7%
pH value	6.0-8.0	7.5
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.3%

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

One 3ml vial contained a white lyophilized powder and has a blue cap with silver crimp and lot# 25163.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% Ipamorelin (5.79 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
06/13/2025



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