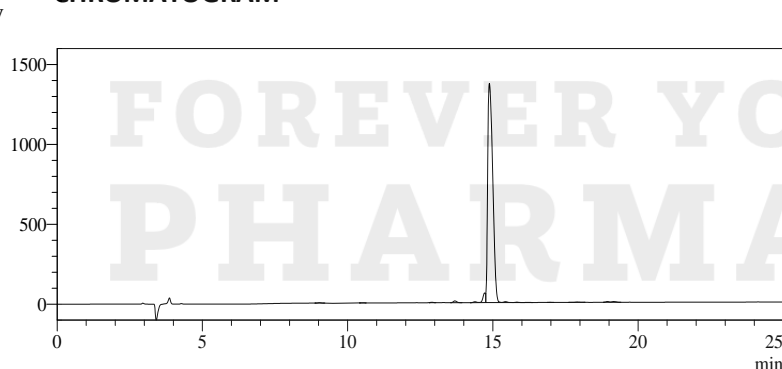


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	Ipamorelin 5 mg
<b>Client Name/Lot No.</b>	GG Peptides
<b>Sequence</b>	Aib-His-D-2-Nal-D-Phe-Lys-NH <sub>2</sub>
<b>Dissolution condition</b>	100% H <sub>2</sub> O
<b>Length</b>	5AA
<b>Molecular Weight</b>	711.85 g/mol

### CHROMATOGRAM



Peak #	Ret. Time	Area %
1	13.653	0.228
2	14.897	99.704
3	18.982	0.068

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	5.00 mg	5.27 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	7.0
<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% H <sub>2</sub> O
<b>Injection Volume</b>	20uL

### CONCLUSION

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.7% Ipamorelin (5.27 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:

Dane Fredericksen  
Analytical Chemist  
07/12/2025

