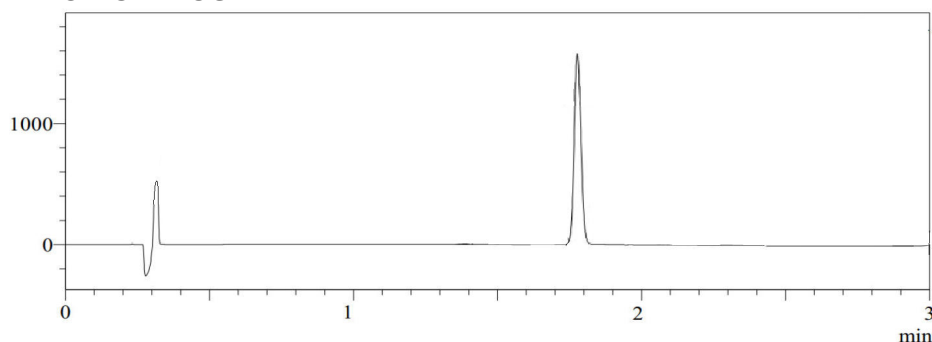


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	Testagen 20mg
<b>Client Name/Lot No.</b>	Ai-Peptides
<b>Sequence</b>	H-Lys-Glu-Asp-Gly-OH
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	4AA
<b>Molecular Weight</b>	447.4 g/mol

### CHROMATOGRAM



Peak #	Ret. Time	Area %
1	1.352	0.166
2	1.773	99.565
3	1.930	0.124
4	2.418	0.145

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	20.00 mg	20.81 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.6%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.2%
	Total Impurity ≤2.0%	0.4%

### TEST PARAMETERS

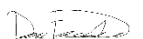
<b>Pump A</b>	0.1% trifluoroacetic in 100% water
<b>Pump B</b>	0.1% trifluoroacetic in 100% acetonitrile
<b>Total Flow</b>	1.0ml/min
<b>Wavelength</b>	220nm
<b>Analytical Column Type</b>	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
<b>Dissolution Method</b>	100% H2O
<b>Injection Volume</b>	30uL

### CONCLUSION

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.6% testagen (20.81 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:



Dane Fredericksen  
Analytical Chemist  
07/04/2025



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