

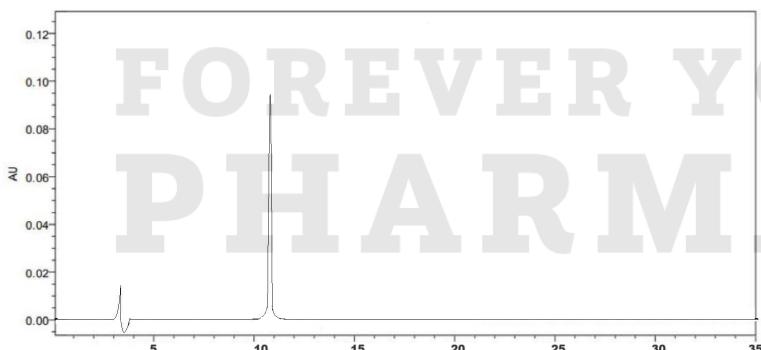


## CERTIFICATE OF ANALYSIS

### **SAMPLE INFORMATION**

Product Name	KPV 10mg
Client Name/Lot No.	GG Peptides
Sequence	Lys-Pro-Val
Dissolution condition	100% H2O
Length	3AA
Molecular Weight	342.43g/mol

### **CHROMATOGRAM**



Peak #	Ret. Time	Area %
1	9.352	0.033
2	10.208	0.129
3	11.652	99.781
4	12.481	0.057

### **TEST RESULTS**

	Specifications	Results
Strength	10.00 mg	10.18 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.8%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

### **TEST PARAMETERS**

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.9 ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	20uL

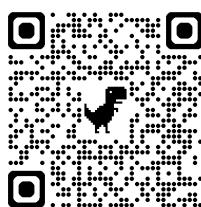
### **CONCLUSION**

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

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% KPV (10.18 mg), and the rest are impurities of minor significance.

### **CERTIFIED BY:**

Dane Frederickson  
Analytical Chemist  
07/12/2025



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