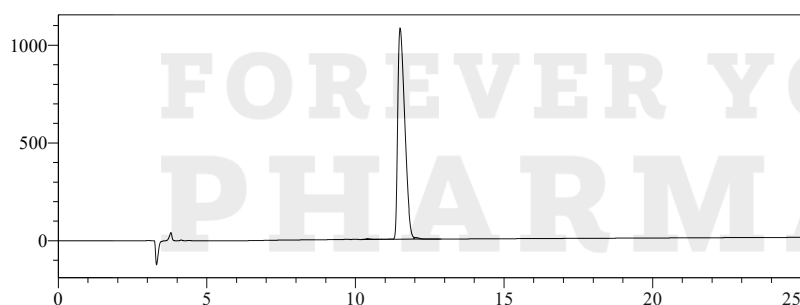


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	IGF-1 LR3 1mg
Client Name/Lot No.	Alchemy Peptides
Sequence	MFPAMPLSSL FVNGPRTLPG AELVDALQFV CGDRGFYFNK PTGYGSSRR APQTGIVDEC CFRSCDLRRL EMYCAPLKPA KSA
Dissolution condition	100% H2O
Length	83AA
Molecular Weight	9116 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	10.005	0.110
2	11.611	99.277
3	13.523	0.521
4	14.921	0.092

TEST RESULTS

	Specifications	Results
Strength	1.00 mg	1.09 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.3%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.5%
	Total Impurity ≤2.0%	0.7%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/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. The vial has a black cap and a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.3% IGF-1 LR3 (1.09 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
04/21/2025



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