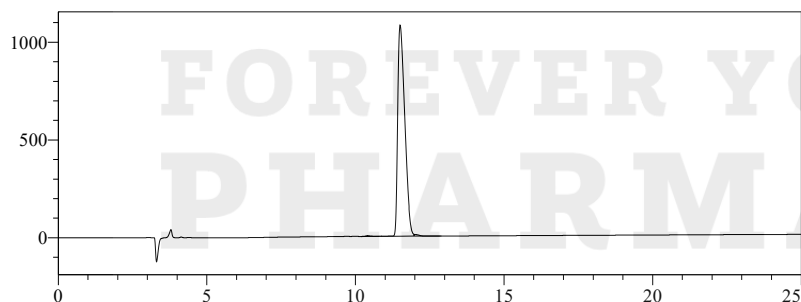


## CERTIFICATE OF ANALYSIS

### SAMPLE INFORMATION

<b>Product Name</b>	IGF-1 LR3 1mg
<b>Client Name/Lot No.</b>	Forever Young Pharmacy / Lot# 25IGFL101
<b>Sequence</b>	MFPAMPLSSL FVNGPRTLCLG AELVDALQFV CGDRGFYFNK PTGYGSSRR APQTGIVDEC CFRSCDLRRL EMYCAPLKPA KSA
<b>Dissolution condition</b>	100% H2O
<b>Length</b>	83AA
<b>Molecular Weight</b>	9116 g/mol

### CHROMATOGRAM



Peak #	Ret. Time	Area %
1	10.070	0.151
2	11.611	99.345
3	13.577	0.416
4	14.999	0.088

### TEST RESULTS

	Specifications	Results
<b>Strength</b>	1.00 mg	1.04 mg
<b>Appearance</b>	White to off white lyophilized powder	Conforms
<b>Purity</b>	≥98.0%	99.3%
<b>pH value</b>	6.0-8.0	7.0
<b>Impurity</b>	Single Impurity ≤1.0%	0.4%
	Total Impurity ≤2.0%	0.7%

### 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>	214nm
<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>	20uL

### CONCLUSION

One 3ml vial contained a white lyophilized powder. The vial has a black cap and a silver crimp with Lot# 25IGFL101.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.3% IGF-1 LR3 (1.04 mg), and the rest are impurities of minor significance.

### CERTIFIED BY:

Dane Fredericksen  
Analytical Chemist



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