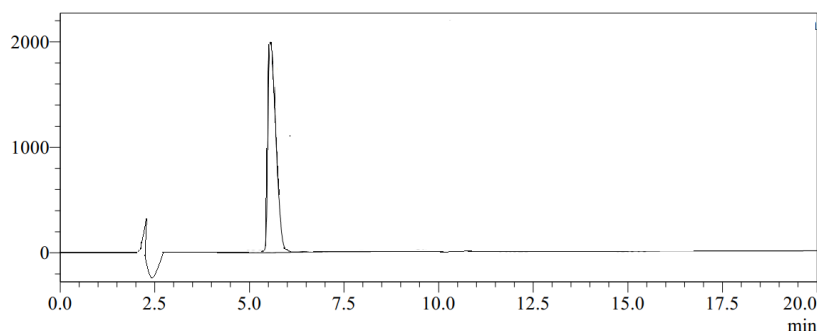


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	L-Carnitine 500 mg/mL
Client Name/Lot No.	Forever Young Pharmacy / Lot# 25LCRN1001
Sequence	C7H15NO3
Dissolution condition	100% H2O
Length	0AA
Molecular Weight	161.197 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	5.222	0.198
2	6.444	0.115
3	6.456	99.589
4	10.369	0.098

TEST RESULTS

	Specifications	Results
Strength	500.00 mg	510.25 mg
Appearance	Clear colorless liquid	Conforms
Purity	≥98.0%	99.6%
pH value	6.0-8.0	8.0
Impurity	Single Impurity ≤1.0%	0.4%
	Total Impurity ≤2.0%	0.2%

TEST PARAMETERS

Pump A	Ethanol (99 : 1)
Pump B	0.05 M phosphate buffer (pH = 3)
Total Flow	2.0ml/min
Wavelength	225nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	None
Injection Volume	20uL

CONCLUSION

One 10ml vial contained a clear colorless liquid with a black cap and a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.6% L-Carnitine (510.25 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****