

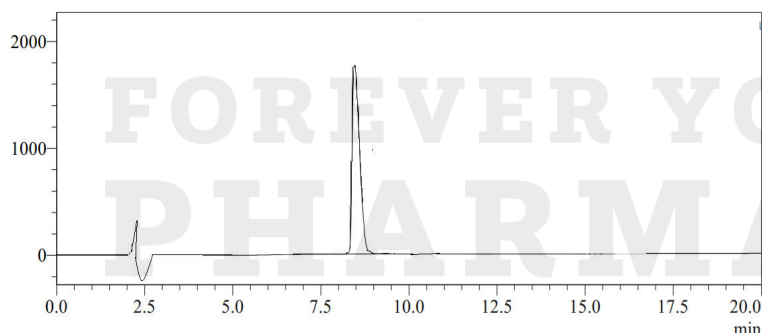


CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	AICAR 50mg
Client Name/Lot No.	Forever Young Pharmacy / Lot# 25ACR5001
Sequence	C9H14N4O5
Dissolution condition	100% H2O
Length	N/A
Molecular Weight	258.23 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	8.444	99.402
2	8.595	0.331
3	9.949	0.267

TEST RESULTS

	Specifications	Results
Strength	50.00 mg	52.33 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.4%
pH value	6.0-8.0	6.5
Impurity	Single Impurity ≤2.0%	0.3%
	Total Impurity ≤4.0%	0.6%

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	214 nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	20 µL

CONCLUSION

One 3ml vial contained a white lyophilized powder with a green cap with a silver crimp, and is Lot# 25ACR5001.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.4% AICAR (52.33 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****