FOREVER YOUNG PHARMACY

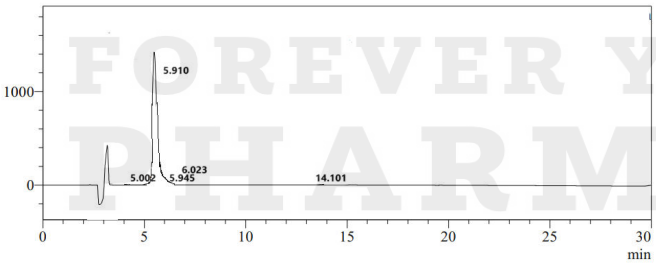
The Science of Staying Young

CERTIFICATE OF ANALYSIS

SAMPLE INFORMATION

Product Name	5-amino-1MQ 50mg Tablets (5-Amino-1-methylquinolinium)
Client Name/Lot No.	Forever Young Pharmacy / Lot# 255AM501
Sequence	C10H11N2
Dissolution condition	100% H2O
Length	N/A
Molecular Weight	159.21 g/mol

CHROMATOGRAM



Peak #	Ret. Time	Area %
1	5.002	0.031
2	5.910	99.420
3	5.945	0.303
4	6.023	0.100
5	14.101	0.146

TEST RESULTS

	Specifications	Results
Strength	50.00 mg	50.07 mg
Appearance	Light orange pressed tablet	Conforms
Purity	≥98.0%	99.4%
pH value	6.0-8.0	7.0
Impurity	Single Impurity ≤1.0%	0.3%
	Total Impurity ≤2.0%	0.6%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	220nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	30uL

CONCLUSION

Contents is an orange pressed round tablet that is dull orange in color.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.4% 5-amino-1-MQ (50.07 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****