



High Performance Liquid Chromatography

1. Analysis Information

Product Name: Mefloquine hydrochloride
Operator: David
Injection Date: 7/28/2016 10:05:27 PM
Batch No.: 1

2. HPLC Condition

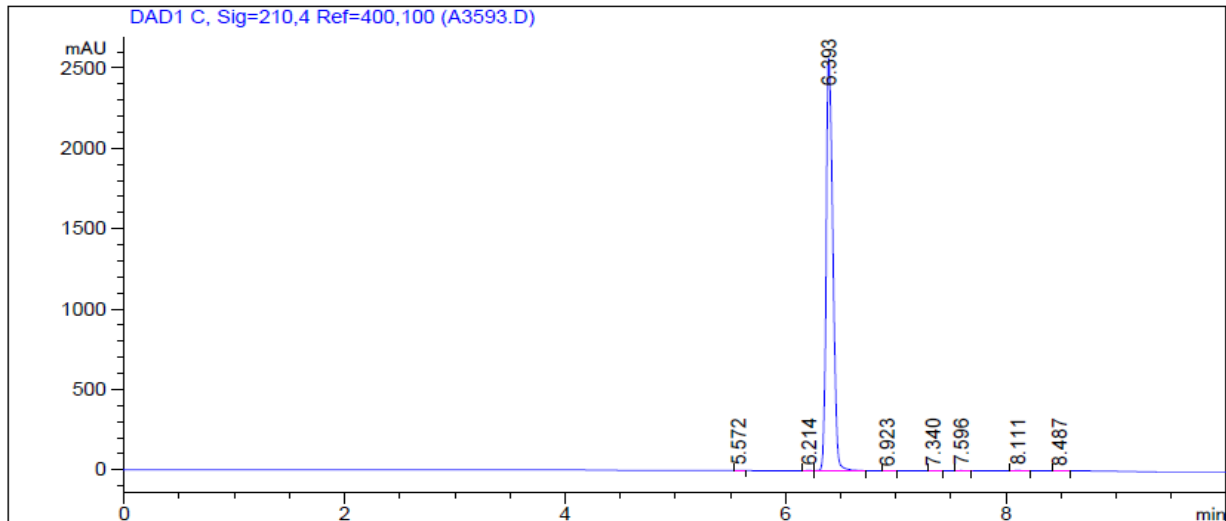
Column: Athena C18, 3 μ m, 2.1mm \times 100 mm
Solvent A: 0.1% H₃PO₄ in 100% Acetonitrile
Solvent B: 0.1% H₃PO₄ in 100% Water

Gradient:

Time	A	B
0.0min	0%	100%
2.0min	0%	100%
7.0min	95%	5%
10.0min	95%	5%
10.0min	Stop	Stop

Flow rate: 0.5ml/min
Wavelength: 210nm
Volume: 3.0 μ l

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	5.572	1.20671	0.0111
2	6.214	2.49976	0.0230
3	6.393	1.08511e4	99.8084
4	6.923	2.02085	0.0186
5	7.340	2.01509	0.0185
6	7.596	2.97234	0.0273
7	8.111	6.60806	0.0608
8	8.487	3.50785	0.0323