

High Performance Liquid Chromatography

1. Analysis Information

Product Name: Carbamazepine
 Operator: David
 Injection Date: 8/22/2016 2:59:13 PM
 Batch No.: 2

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

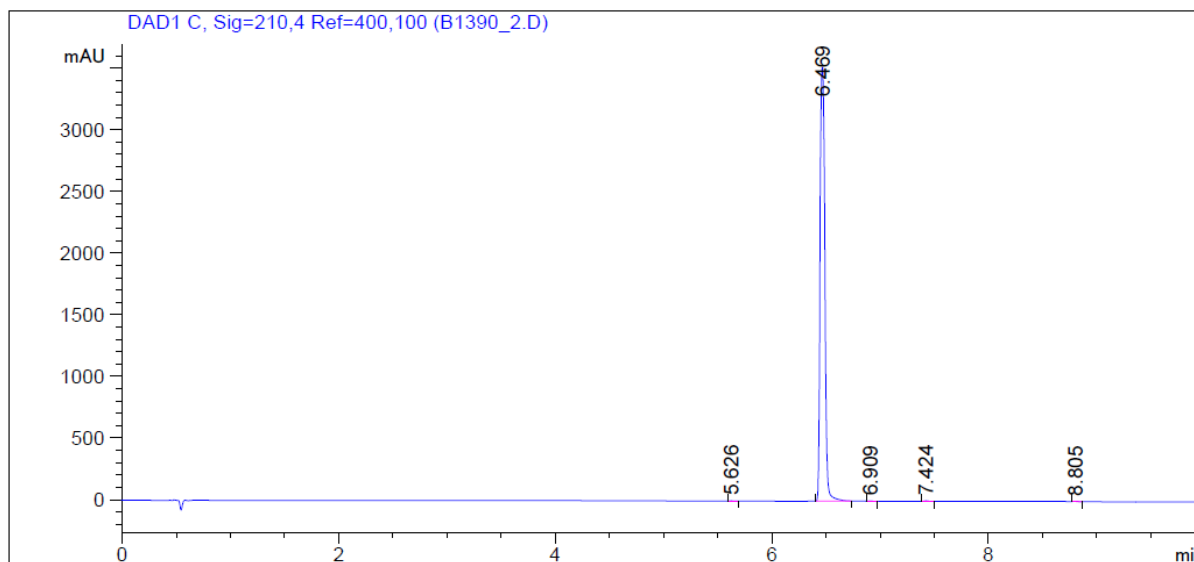
Gradient:	Time	A	B
	0.0min	0%	100%
	2.0min	0%	100%
	7.0min	95%	5%
	10.0 min	95%	5%
	10.0min	Stop	Stop

Flow rate: 0.5ml/min

Wavelength: 210nm

Volume: 10 μ l

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	5.626	2.78242	0.0257
2	6.469	1.08244e4	99.7904
3	6.909	3.86294	0.0356
4	7.424	12.77066	0.1177
5	8.805	3.32480	0.0307