

High Performance Liquid Chromatography

1. Analysis Information

Product Name:	trans-Aconitic acid
Operator:	David
Injection Date:	6/27/2017 2:11:33 PM
Batch No.:	2

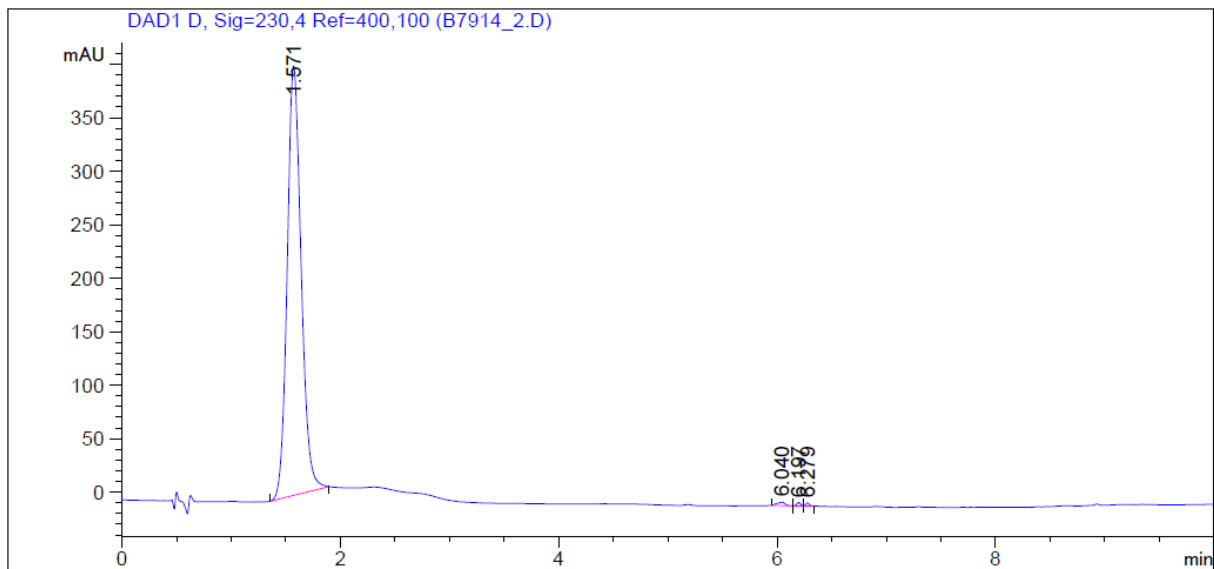
2. HPLC Condition

Column:	Athena C18, 3 μ m, 2.1mm \times 100 mm
Solvent A:	0.1% H ₃ PO ₄ in 100% Acetonitrile
Solvent B:	0.1% H ₃ PO ₄ 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:	0.45ml/min
Wavelength:	230nm
Volume:	10 μ l

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	1.571	3555.14404	99.1571
2	6.040	16.29953	0.4546
3	6.197	7.59259	0.2118
4	6.279	6.33050	0.1766