

High Performance Liquid Chromatography

1. Analysis Information

Product Name:	Melatonin
Operator:	David
Injection Date:	5/4/2016 6:53:37 PM
Batch No.:	2

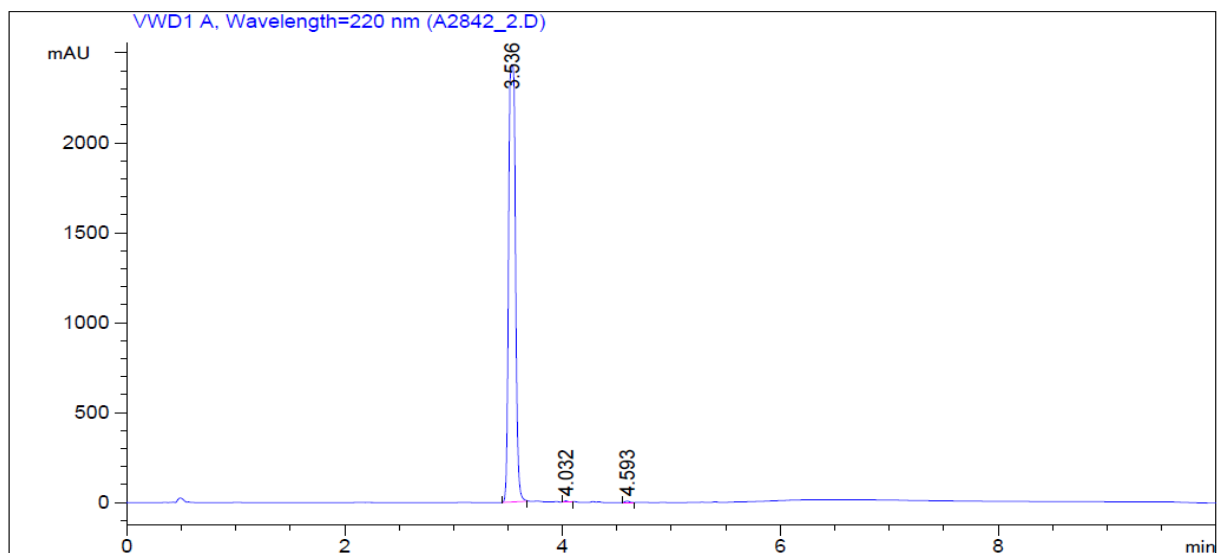
2. HPLC Condition

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	10%	90%
	3.5min	95%	5%
	8.0min	95%	5%
	9.0min	10%	90%
	10.0 min	10%	90%
	10.0min	Stop	Stop

Flow rate:	0.4ml/min
Wavelength:	220nm
Volume:	10 μ l

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	3.536	1.06143e4	99.6905
2	4.032	12.72882	0.1196
3	4.593	20.22034	0.1899