

High Performance Liquid Chromatography

1. Analysis Information

Product Name: Quercetin dihydrate
Operator: David
Injection Date: 7/28/2014 9:01:09 AM
Batch No.: 1

2. HPLC Condition

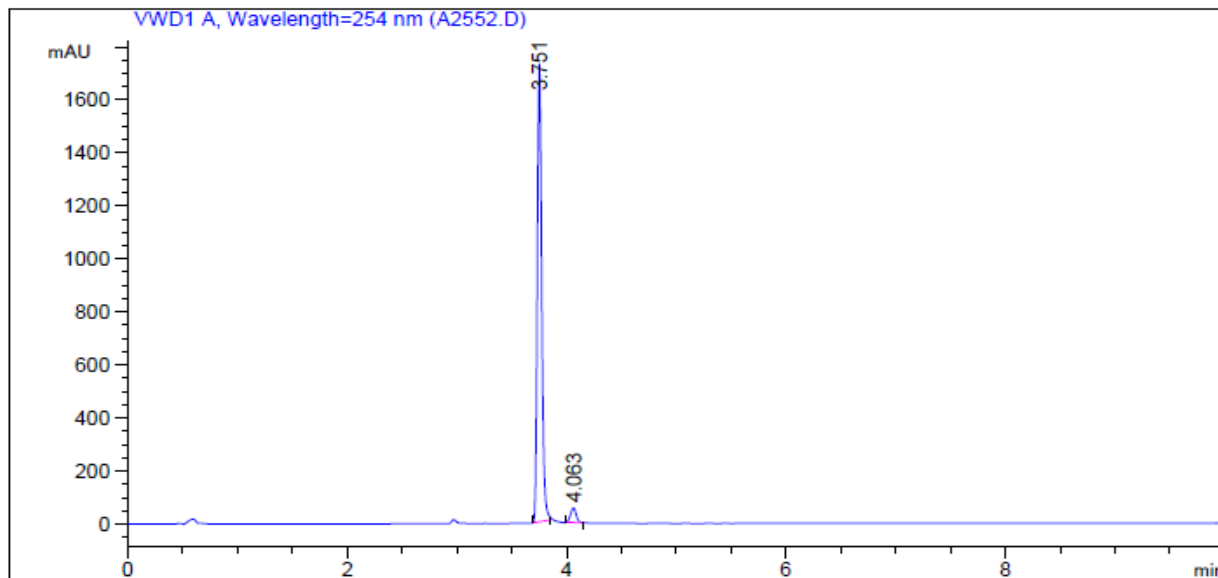
Column: Athena C18, 3 μ m, 2.1mm $\times$ 100 mm
Solvent A: 0.1% H₃PO₄ in 100% Acetonitrile
Solvent B: 0.1% H₃PO₄ in 100% Water

Gradient:

Time	A	B
0.0min	10%	90%
3.5min	95%	5%
8.0min	95%	5%
9.0min	10%	90%
10.0min	10%	90%
10.0min	Stop	Stop

Flow rate: 0.4ml/min
Wavelength: 254nm
Volume: 10 μ l

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	3.751	4809.35742	96.0946
2	4.063	195.45711	3.9054