



High Performance Liquid Chromatography

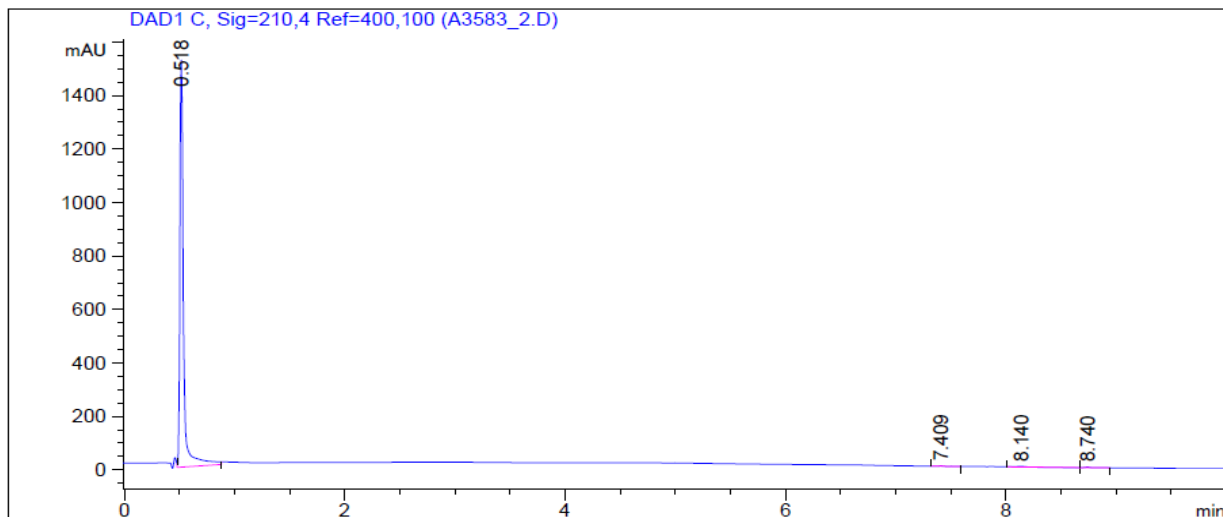
1. Analysis Information

Product Name:	Matrine
Operator:	David
Injection Date:	2/15/2017 10:09:15 PM
Batch No.:	2

2. HPLC Condition

Column:	Athena C18, 3 μm, 2.1mm × 100 mm																				
Solvent A:	0.1% H3PO4 in 100% Acetonitrile																				
Solvent B:	0.1% H3PO4 in 100% Water																				
Gradient:	<table><tr><th>Time</th><th>A</th><th>B</th></tr><tr><td>0.0min</td><td>0%</td><td>100%</td></tr><tr><td>2.0min</td><td>0%</td><td>100%</td></tr><tr><td>7.0min</td><td>95%</td><td>5%</td></tr><tr><td>10.0min</td><td>95%</td><td>5%</td></tr><tr><td>10.0min</td><td>Stop</td><td>Stop</td></tr></table>			Time	A	B	0.0min	0%	100%	2.0min	0%	100%	7.0min	95%	5%	10.0min	95%	5%	10.0min	Stop	Stop
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:	0.4ml/min																				
Wavelength:	210nm																				
Volume:	10μl																				

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	0.518	3498.81567	99.3108
2	7.409	5.42296	0.1539
3	8.140	12.50676	0.3550
4	8.740	6.35069	0.1803