

High Performance Liquid Chromatography

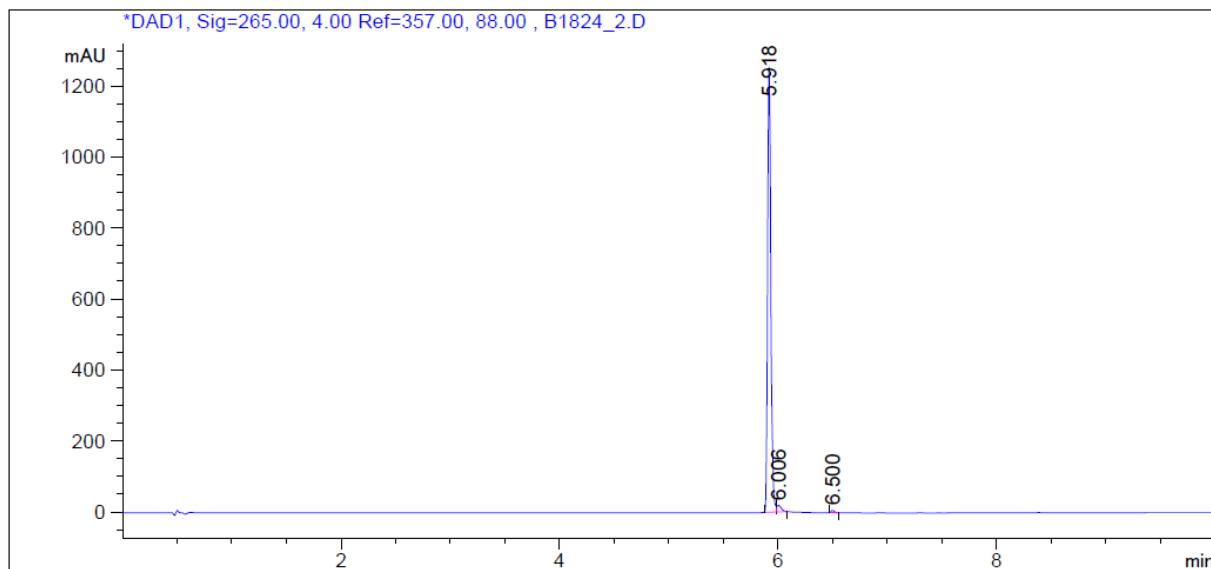
1. Analysis Information

Product Name:	Riboflavin
Operator:	David
Injection Date:	6/26/2017 10:46:21 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><td>Time</td><td>A</td><td>B</td></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:	0.45ml/min																				
Wavelength:	265nm																				
Volume:	10μl																				

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	5.918	2603.09814	98.1035
2	6.006	40.06495	1.5099
3	6.500	10.25809	0.3866