

High Performance Liquid Chromatography

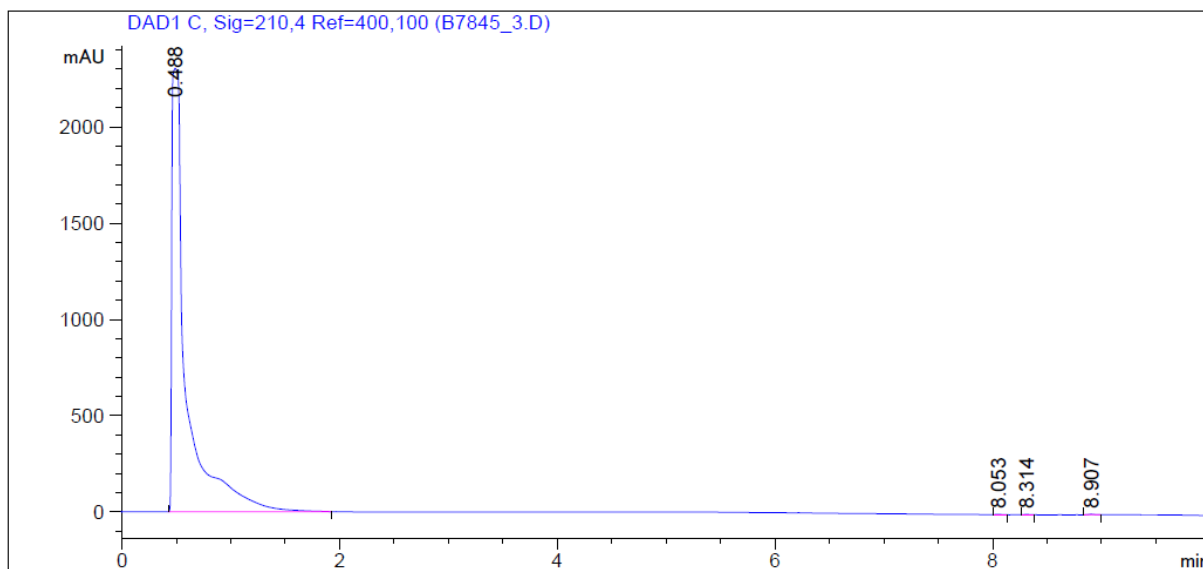
1. Analysis Information

Product Name:	Imidazole
Operator:	David
Injection Date:	5/3/2017 7:58:29 PM
Batch No.:	3

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:	<table border="1"> <thead> <tr> <th>Time</th><th>A</th><th>B</th></tr> </thead> <tbody> <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>10.0 min</td><td>95%</td><td>5%</td></tr> <tr> <td>10.0min</td><td>Stop</td><td>Stop</td></tr> </tbody> </table>		Time	A	B	0.0min	0%	100%	2.0min	0%	100%	7.0min	95%	5%	10.0 min	95%	5%	10.0min	Stop	Stop
Time	A	B																		
0.0min	0%	100%																		
2.0min	0%	100%																		
7.0min	95%	5%																		
10.0 min	95%	5%																		
10.0min	Stop	Stop																		
Flow rate:	0.45ml/min																			
Wavelength:	210nm																			
Volume:	10 μ l																			

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	0.488	2.11008e4	99.9260
2	8.053	4.34589	0.0206
3	8.314	3.03632	0.0144
4	8.907	8.24078	0.0390