

High Performance Liquid Chromatography

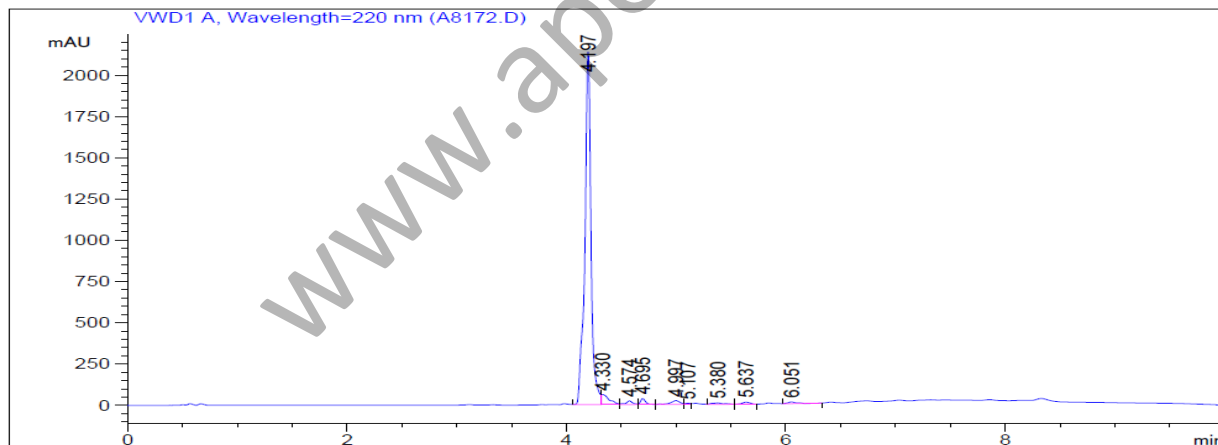
1. Analysis Information

Product Name:	Dihydroeponemycin
Operator:	David
Injection Date:	02/14/2014 3:16:51 PM
Batch No.:	2

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:	<table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>3.5min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>8.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>9.0min</td> <td>10%</td> <td>90%</td> </tr> <tr> <td>10.0min</td> <td>10%</td> <td>90%</td> </tr> <tr> <td>10.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table>		Time	A	B	0.0min	95%	5%	3.5min	95%	5%	8.0min	95%	5%	9.0min	10%	90%	10.0min	10%	90%	10.0min	Stop	Stop
Time	A	B																					
0.0min	95%	5%																					
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:	220nm																						
Volume:	10 μ l																						

3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.197	8454.07813	90.7154
2	4.33	303.944	3.2614
3	4.574	97.37702	1.0449
4	4.695	113.45665	1.2174
5	4.997	138.36107	1.4847
6	5.107	23.4831	0.252
7	5.38	68.15887	0.7314
8	5.637	63.66944	0.6832
9	6.051	56.81699	0.6097