



**APEX BIO**  
Achieve Perfection, Explore the Unknown

# High Performance Liquid Chromatography

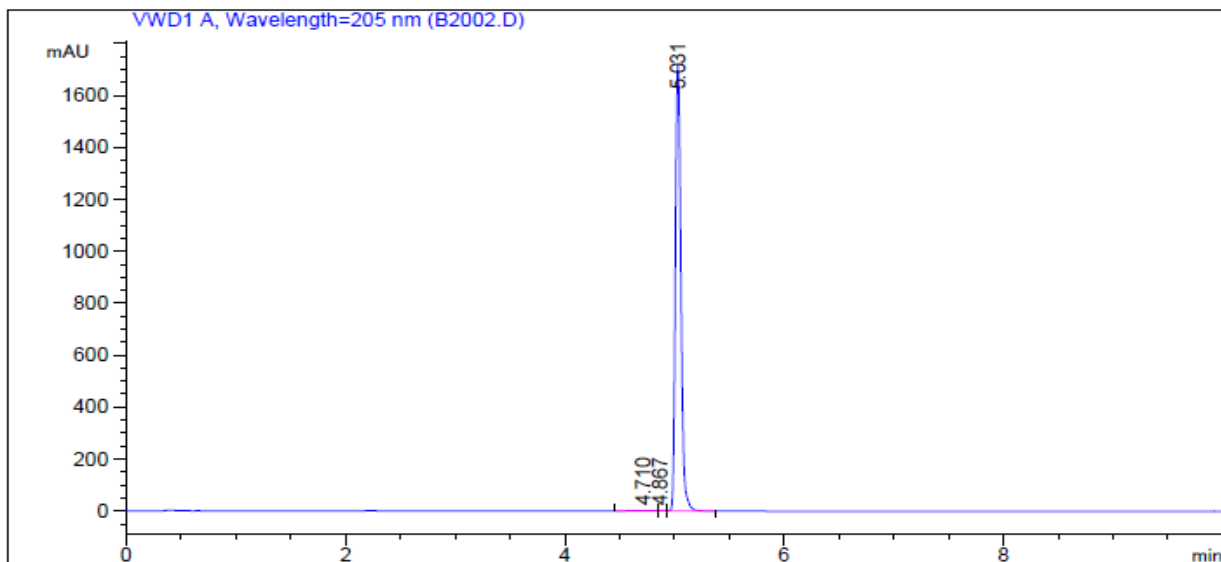
## 1. Analysis Information

Product Name:	D-Pantothenic acid
Operator:	David
Injection Date:	5/20/2015 6:38:43 PM
Batch No.:	1

## 2. HPLC Condition

Column:	Athena C18, 3 $\mu$ 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>0%</td> <td>100%</td> </tr> <tr> <td>2.0min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>6.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>9.0min</td> <td>95%</td> <td>5%</td> </tr> <tr> <td>10.0min</td> <td>0%</td> <td>100%</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%	6.0min	95%	5%	9.0min	95%	5%	10.0min	0%	100%	10.0min	Stop	Stop
Time	A	B																					
0.0min	0%	100%																					
2.0min	0%	100%																					
6.0min	95%	5%																					
9.0min	95%	5%																					
10.0min	0%	100%																					
10.0min	Stop	Stop																					
Flow rate:	0.4ml/min																						
Wavelength:	205nm																						
Volume:	10 $\mu$ l																						

## 3. Result



Rank	RetTime(min)	Area(mAU*s)	Area %
1	4.710	21.06868	0.3435
2	4.867	5.43158	0.0886
3	5.031	6106.44775	99.5679