



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

# High Performance Liquid Chromatography

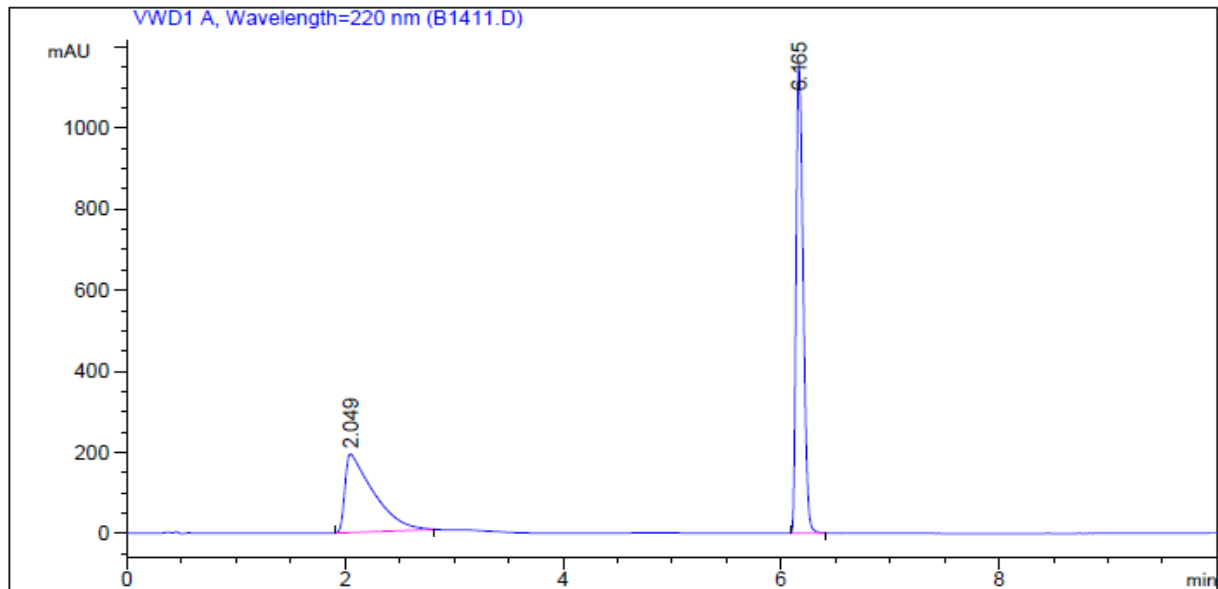
## 1. Analysis Information

|                 |                      |
|-----------------|----------------------|
| Product Name:   | Amlodipine Besylate  |
| Operator:       | David                |
| Injection Date: | 7/25/2015 7:18:24 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: | 220nm  |      |      |   |   |        |    |      |        |    |      |        |     |    |        |     |    |         |    |      |         |      |      |
| Volume:     | 10 $\mu$ l   |      |      |   |   |        |    |      |        |    |      |        |     |    |        |     |    |         |    |      |         |      |      |

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 2.049        | 3510.26782  | 40.1923 |
| 2    | 6.165        | 5223.40625  | 59.8077 |