

# High Performance Liquid Chromatography

## 1. Analysis Information

|                 |                     |
|-----------------|---------------------|
| Product Name:   | Pregnenolone        |
| Operator:       | David               |
| Injection Date: | 7/6/2017 2:15:11 PM |
| Batch No.:      | 4                   |

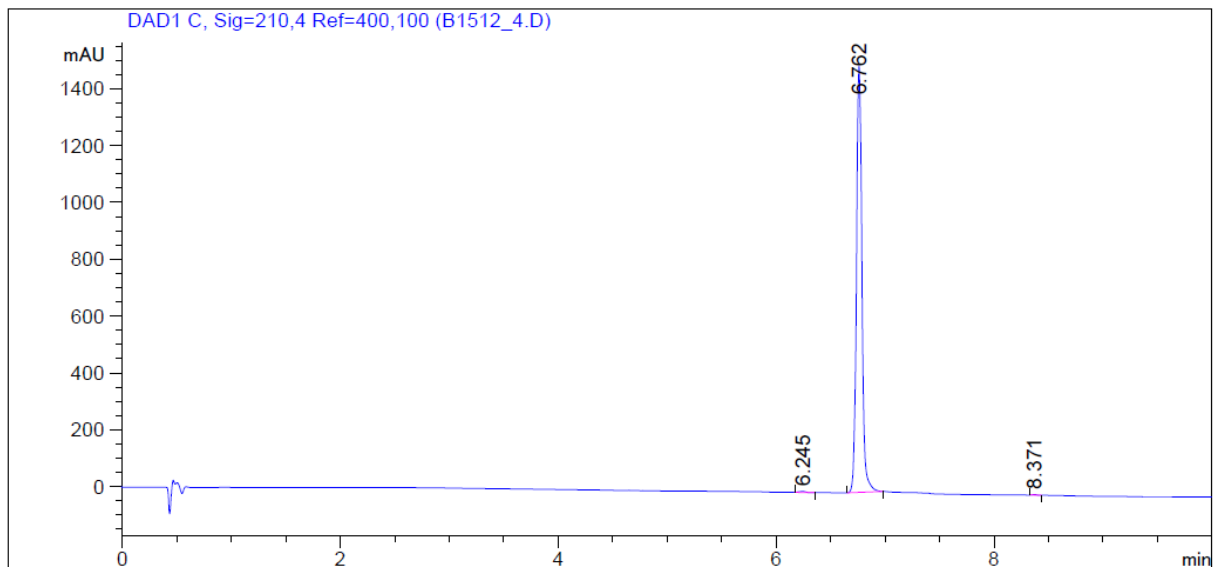
## 2. HPLC Condition

|            |  |
|------------|--|
| Column:    | Athena C18, 3 $\mu$ m, 2.1mm $\times$ 100 mm             |
| Solvent A: | 0.1% H <sub>3</sub> PO <sub>4</sub> in 100% Acetonitrile |
| Solvent B: | 0.1% H <sub>3</sub> PO <sub>4</sub> in 100% Water        |

| Gradient: | Time    | A    | B    |
|-----------|---------|------|------|
|           | 0.0min  | 10%  | 90%  |
|           | 6.0min  | 95%  | 5%   |
|           | 10.0min | 95%  | 5%   |
|           | 10.0min | Stop | Stop |

|             |            |
|-------------|------------|
| Flow rate:  | 0.45ml/min |
| Wavelength: | 210nm      |
| Volume:     | 10 $\mu$ l |

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 6.245        | 15.38229    | 0.2917  |
| 2    | 6.762        | 5251.66455  | 99.6052 |
| 3    | 8.371        | 5.43538     | 0.1031  |