

# High Performance Liquid Chromatography

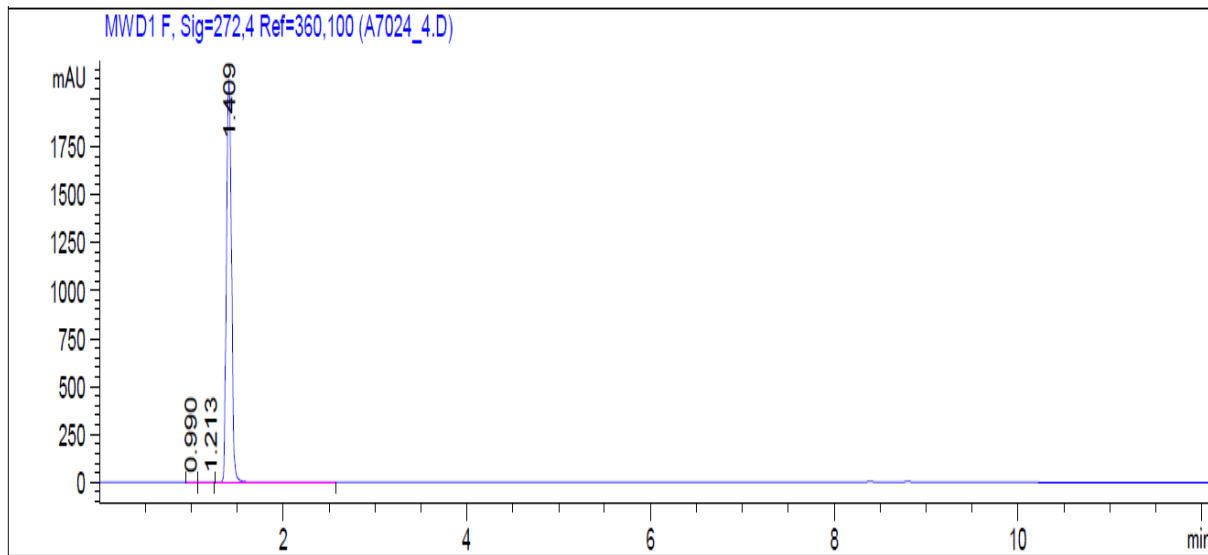
## 1. Analysis Information

|                 |                       |
|-----------------|-----------------------|
| Product Name:   | HOAt                  |
| Operator:       | David                 |
| Injection Date: | 8/14/2018 12:01:06 AM |
| Batch No.:      | 4                     |

## 2. HPLC Condition

| Column:     | ZORBAX Eclipse Pluse C18 3.5 $\mu$ m 4.6mmx100mm  |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
|-------------|---|------|------|---|---|--------|-----|-----|--------|-----|-----|--------|----|-----|----------|----|------|----------|----|------|----------|-----|-----|---------|------|------|
| Solvent A:  | H2O+1% TFA  |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| Solvent B:  | ACN+1% TFA  |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| Gradient:   | <table border="1"> <thead> <tr> <th>Time</th> <th>A</th> <th>B</th> </tr> </thead> <tbody> <tr> <td>0.0min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>2.0min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>7.0min</td> <td>5%</td> <td>95%</td> </tr> <tr> <td>10.0 min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>12.0 min</td> <td>0%</td> <td>100%</td> </tr> <tr> <td>12.10min</td> <td>80%</td> <td>20%</td> </tr> <tr> <td>20.0min</td> <td>Stop</td> <td>Stop</td> </tr> </tbody> </table> |      | Time | A | B | 0.0min | 80% | 20% | 2.0min | 80% | 20% | 7.0min | 5% | 95% | 10.0 min | 0% | 100% | 12.0 min | 0% | 100% | 12.10min | 80% | 20% | 20.0min | Stop | Stop |
| Time        | A   | B    |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 0.0min      | 80%   | 20%  |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 2.0min      | 80%   | 20%  |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 7.0min      | 5%  | 95%  |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 10.0 min    | 0%  | 100% |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 12.0 min    | 0%  | 100% |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 12.10min    | 80%   | 20%  |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| 20.0min     | Stop  | Stop |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| Flow rate:  | 1ml/min   |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| Wavelength: | 272nm   |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |
| Volume:     | 5 $\mu$ l   |      |      |   |   |        |     |     |        |     |     |        |    |     |          |    |      |          |    |      |          |     |     |         |      |      |

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 0.990        | 4.62856     | 0.0571  |
| 2    | 1.213        | 5.73617     | 0.0708  |
| 3    | 1.409        | 8088.87061  | 99.8720 |