



# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: H-D-Ser-OH  
Operator: David  
Injection Date: 7/27/2016 10:59:46 PM  
Batch No.: 1

## 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

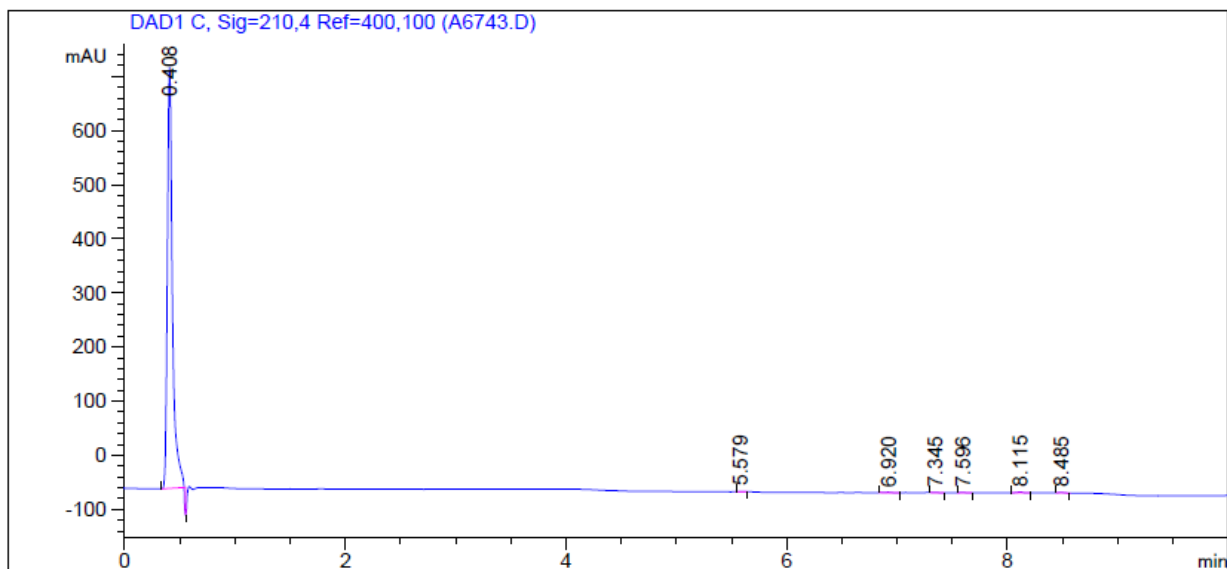
| Gradient: | Time    | A    | B    |
|-----------|---------|------|------|
|           | 0.0min  | 0%   | 100% |
|           | 2.0min  | 0%   | 100% |
|           | 7.0min  | 95%  | 5%   |
|           | 10.0min | 95%  | 5%   |
|           | 10.0min | Stop | Stop |

Flow rate: 0.5ml/min

Wavelength: 210nm

Volume: 3.0 $\mu$ l

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 0.408        | 2475.37720  | 99.3181 |
| 2    | 5.579        | 1.42924     | 0.0573  |
| 3    | 6.920        | 3.92064     | 0.1573  |
| 4    | 7.345        | 1.85085     | 0.0743  |
| 5    | 7.596        | 1.96676     | 0.0789  |
| 6    | 8.115        | 5.13462     | 0.2060  |
| 7    | 8.485        | 2.69358     | 0.1081  |