



# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Doxifluridine  
Operator: David  
Injection Date: 7/25/2016 2:24:21 PM  
Batch No.: 1

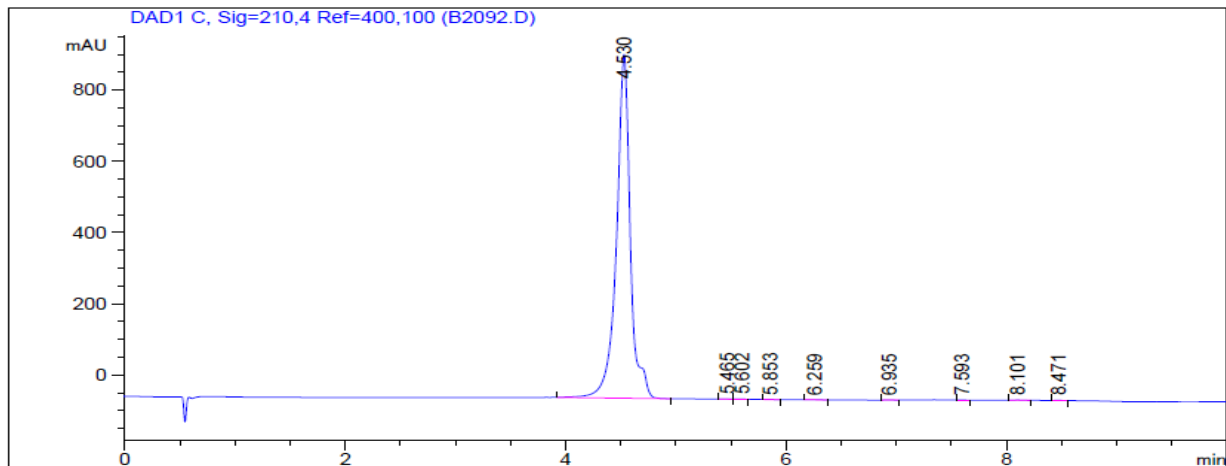
## 2. HPLC Condition

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    | 4.530        | 8482.69336  | 99.6862 |
| 2    | 5.465        | 3.04444     | 0.0358  |
| 3    | 5.602        | 4.94852     | 0.0582  |
| 4    | 5.853        | 2.05880     | 0.0242  |
| 5    | 6.259        | 4.43312     | 0.0521  |
| 6    | 6.935        | 2.35411     | 0.0277  |
| 7    | 7.593        | 2.61546     | 0.0307  |
| 8    | 8.101        | 3.50888     | 0.0412  |
| 9    | 8.471        | 3.73567     | 0.0439  |