

# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: Vemurafenib (PLX4032, RG7204)  
 Operator: David  
 Injection Date: 7/29/2014 2:11:16 PM  
 Batch No.: 3

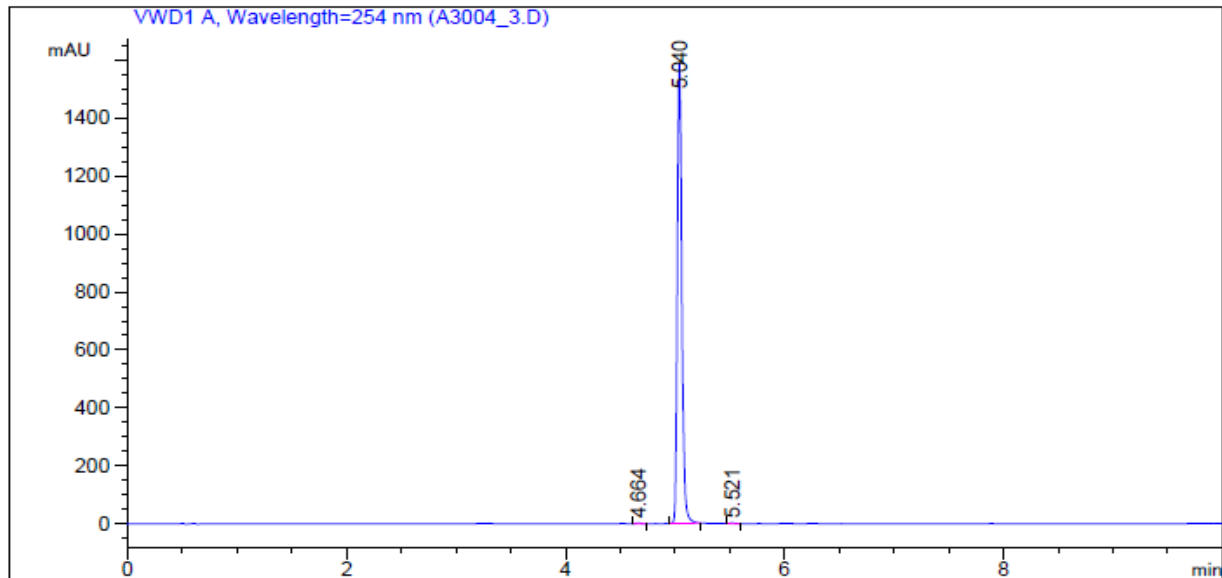
## 2. HPLC Condition

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%  |
|           | 3.5min  | 95%  | 5%   |
|           | 8.0min  | 95%  | 5%   |
|           | 9.0min  | 10%  | 90%  |
|           | 10.0min | 10%  | 90%  |
|           | 10.0min | Stop | Stop |

Flow rate: 0.4ml/min  
 Wavelength: 254nm  
 Volume: 10 $\mu$ l

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 4.664        | 8.98397     | 0.1947  |
| 2    | 5.040        | 4594.95752  | 99.6032 |
| 3    | 5.521        | 9.32344     | 0.2021  |