

# High Performance Liquid Chromatography

## 1. Analysis Information

Product Name: beta-Nicotinamide mononucleotide  
 Operator: David  
 Injection Date: 6/6/2017 5:38:36 PM  
 Batch No.: 2

## 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

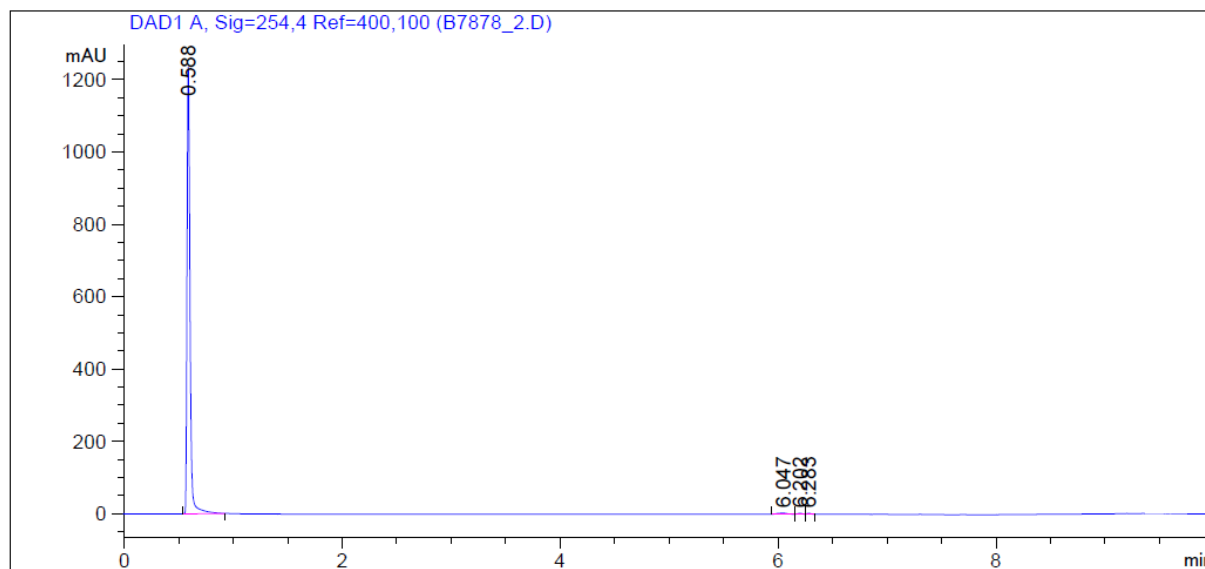
|           |         |      |      |
|-----------|---------|------|------|
| Gradient: | Time    | A    | B    |
|           | 0.0min  | 0%   | 100% |
|           | 2.0min  | 0%   | 100% |
|           | 7.0min  | 95%  | 5%   |
|           | 10.0min | 95%  | 5%   |
|           | 10.0min | Stop | Stop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

Flow rate: 0.45ml/min

Wavelength: 254nm

Volume: 10 $\mu$ l

## 3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area %  |
|------|--------------|-------------|---------|
| 1    | 0.588        | 2381.23682  | 98.8973 |
| 2    | 6.047        | 15.46881    | 0.6424  |
| 3    | 6.202        | 5.87173     | 0.2439  |
| 4    | 6.283        | 5.20984     | 0.2164  |