



High Performance Liquid Chromatography

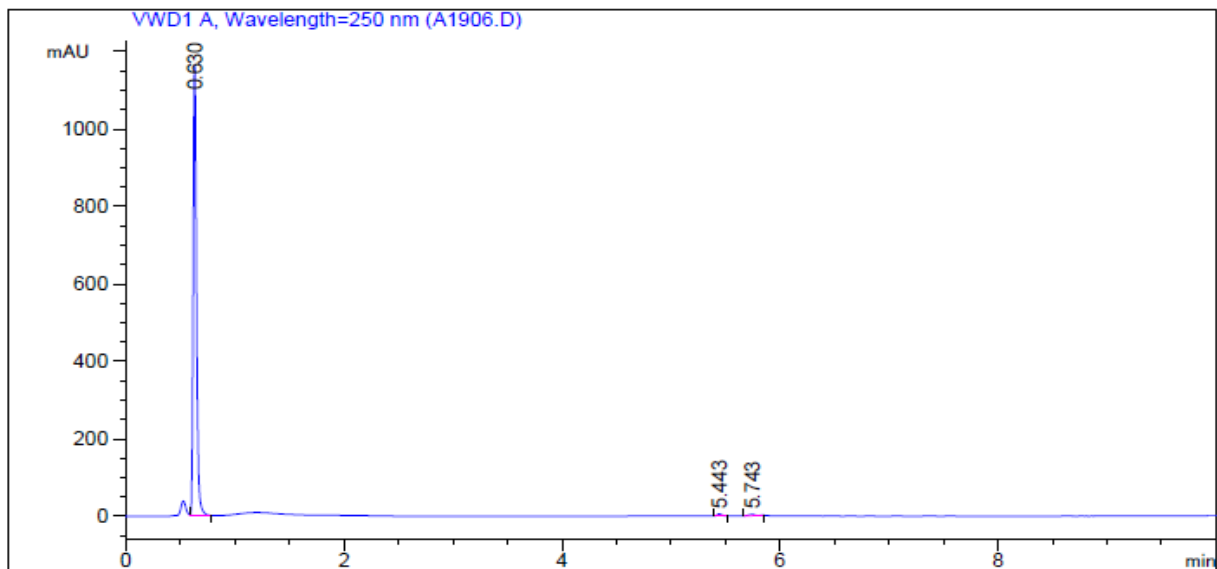
1. Analysis Information

| | |
|-----------------|----------------------------------|
| Product Name: | Decitabine (NSC127716, 5AZA-CdR) |
| Operator: | David |
| Injection Date: | 5/8/2015 10:45:00 AM |
| Batch No.: | 1 |

2. HPLC Condition

| Column: | Athena C18, 3 μ m, 2.1mm \times 100 mm | | | | | | | | | | | | | | | | | | | | | | |
|-------------|--|------|------|---|---|--------|----|------|--------|----|------|--------|-----|----|--------|-----|----|---------|----|------|---------|------|------|
| Solvent A: | 0.1% H3PO4 in 100% Acetonitrile | | | | | | | | | | | | | | | | | | | | | | |
| Solvent B: | 0.1% H3PO4 in 100% Water | | | | | | | | | | | | | | | | | | | | | | |
| Gradient: | <table border="1"><thead><tr><th>Time</th><th>A</th><th>B</th></tr></thead><tbody><tr><td>0.0min</td><td>0%</td><td>100%</td></tr><tr><td>2.0min</td><td>0%</td><td>100%</td></tr><tr><td>6.0min</td><td>95%</td><td>5%</td></tr><tr><td>9.0min</td><td>95%</td><td>5%</td></tr><tr><td>10.0min</td><td>0%</td><td>100%</td></tr><tr><td>10.0min</td><td>Stop</td><td>Stop</td></tr></tbody></table> | | Time | A | B | 0.0min | 0% | 100% | 2.0min | 0% | 100% | 6.0min | 95% | 5% | 9.0min | 95% | 5% | 10.0min | 0% | 100% | 10.0min | Stop | Stop |
| Time | A | B | | | | | | | | | | | | | | | | | | | | | |
| 0.0min | 0% | 100% | | | | | | | | | | | | | | | | | | | | | |
| 2.0min | 0% | 100% | | | | | | | | | | | | | | | | | | | | | |
| 6.0min | 95% | 5% | | | | | | | | | | | | | | | | | | | | | |
| 9.0min | 95% | 5% | | | | | | | | | | | | | | | | | | | | | |
| 10.0min | 0% | 100% | | | | | | | | | | | | | | | | | | | | | |
| 10.0min | Stop | Stop | | | | | | | | | | | | | | | | | | | | | |
| Flow rate: | 0.4ml/min | | | | | | | | | | | | | | | | | | | | | | |
| Wavelength: | 250nm | | | | | | | | | | | | | | | | | | | | | | |
| Volume: | 10 μ l | | | | | | | | | | | | | | | | | | | | | | |

3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area % |
|------|--------------|-------------|---------|
| 1 | 0.630 | 2454.13232 | 98.8798 |
| 2 | 5.443 | 14.74608 | 0.5941 |
| 3 | 5.743 | 13.05553 | 0.5260 |