

High Performance Liquid Chromatography

1. Analysis Information

Product Name: Atropine sulfate monohydrate
 Operator: David
 Injection Date: 6/19/2017 11:12:13 AM
 Batch No.: 2

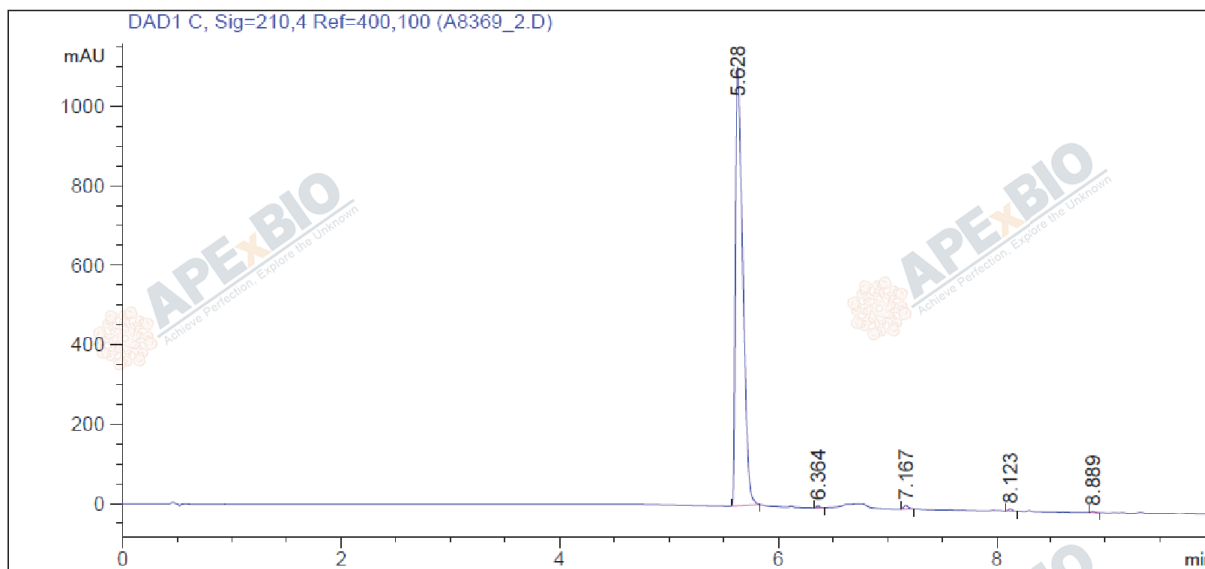
2. HPLC Condition

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

| 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: 210nm
 Volume: 10 μ l

3. Result



| Rank | RetTime(min) | Area(mAU*s) | Area % |
|------|--------------|-------------|---------|
| 1 | 5.628 | 5157.28760 | 98.9686 |
| 2 | 6.364 | 10.11147 | 0.1940 |
| 3 | 7.167 | 24.11058 | 0.4627 |
| 4 | 8.123 | 12.55939 | 0.2410 |
| 5 | 8.889 | 6.96697 | 0.1337 |