



Column: [Luna® 3 µm C18\(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4251-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 0.96g 1-pentaesulfonic acid sodium salt in 1-L buffered to 3.00 with Phosphoric Acid

Elution B: Acetonitrile

Gradient Profile:

| Step No. | Time (min) | Pct A | Pct B |
|----------|------------|-------|-------|
| 1 | 0 | 75 | 25 |
| 2 | 20 | 50 | 50 |
| 3 | 30 | 40 | 60 |
| 4 | 35 | 30 | 70 |
| 5 | 45 | 30 | 70 |
| 6 | 50 | 75 | 25 |

Flow Rate: 1.2 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (22°C)

Compounds:

- 1- Loratadine Related Compound A
- 2- Loratadine Related Compound B
- 3- Loratadine