

## Ranitidine(Degraded) by HPLC - Luna 3µm C8(2) 100x4.6mm

**Column:** Luna® 3 µm C8(2) 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4248-E0

**Elution Type:** Gradient

**Eluent A:** 98:2 40mM potassium phosphate pH 7.1:Acetonitrile

**Eluent B:** 78:22 40mM potassium phosphate pH 7.1:Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 100   | 0     |
|                   | 2        | 10         | 0     | 100   |
|                   | 3        | 15         | 0     | 100   |
|                   | 4        | 16         | 100   | 0     |
|                   | 5        | 20         | 100   | 0     |

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 35 °C

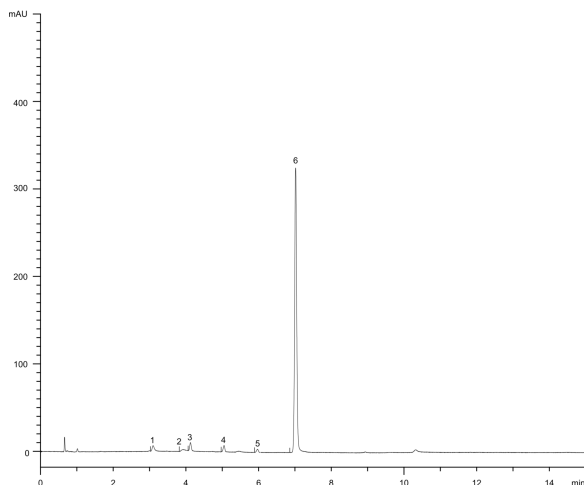
**Detection:** Circular Dichroism @ 0.0000000000 (ambient)

**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C8 4 x 3.0mm ID, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282

19506



### ANALYTES:

**1** Ranitidine amino alcohol hemifumarate

Retention Time: 3.096 min

**2** Ranitidine diamine hemifumarate

Retention Time: 3.926 min

**3** Ranitidine S-oxide

Retention Time: 4.12 min

**4** Ranitidine N-oxide

Retention Time: 5.043 min

**5** Ranitidine complex nitroacetamide

Retention Time: 5.969 min

**6** Ranitidine

Retention Time: 7.018 min



Products used in this application:

