

## Ranitidine Tablet on HPLC -Kinetex 2.6µm C18 100x4.6mm - 0.1N NaOH Degradation

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 100 x 4.6 mm, Ea

**Dimensions:** 100 x 4.6 mm ID

**Order No:** 00D-4462-E0

**Elution Type:** Gradient

**Eluent A:** 98:2 40mM Potassium Phosphate pH 7.1:ACN

**Eluent B:** 78:22 40mM Potassium Phosphate pH 7.1:ACN

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 100   | 0     |
|                   | 2        | 10         | 0     | 100   |

**Flow Rate:** 1.5 mL/min

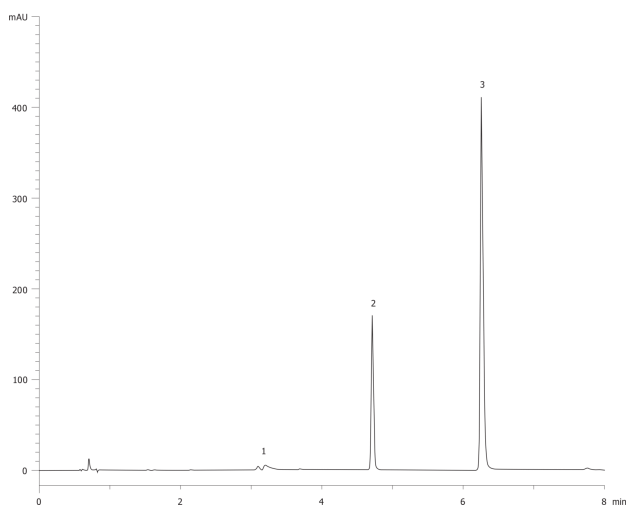
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Diode Array (PDA) @ 230 nm (ambient)

19543



Products used in this application:



### ANALYTES:

- 1** Ranitidine diamine hemifumarate

Retention Time: 3.199 min

- 2** Ranitidine complex nitroacetamide

Retention Time: 4.715 min

- 3** Ranitidine

Retention Time: 6.258 min

