

# HPLC Application

ID No.: 18600

## Ranitidine (Degraded) - Forced Degradation Stability by Kinetex 2.6µm C18 150 x 4.6mm ID

**Column:** Kinetex® 2.6 µm C18 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Gradient

**Eluent A:** 0.1% formic acid in water

**Eluent B:** 0.1% formic acid in acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	7	80	20
	3	9	5	95
	4	9.01	95	5
	5	14	95	5

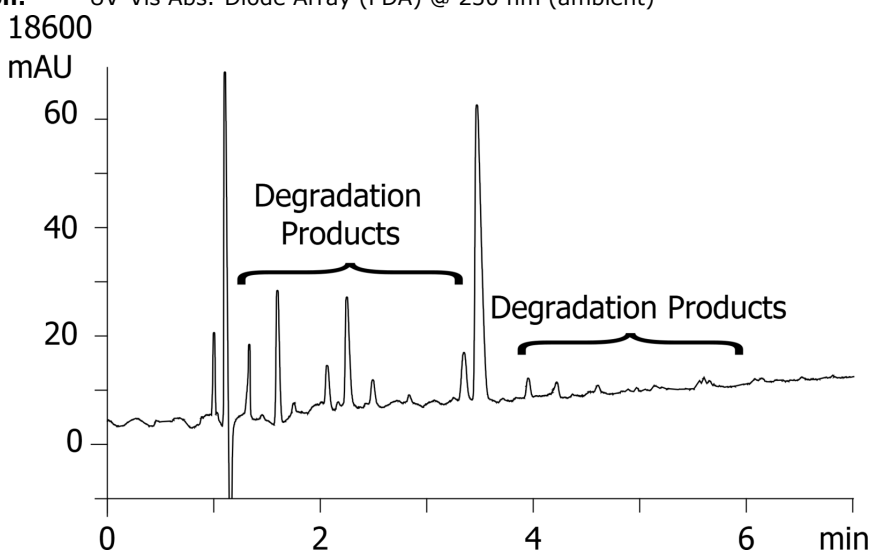
**Flow Rate:** 1.4 mL/min

**Col. Temp.:** ambient

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



Products used in this application:



### ANALYTES:

- 1 Ranitidine  
Retention Time: 3.464 min
- 2 impurities  
Retention Time: 3.341 min