

Ranitidine(Degraded) by HPLC - Kinetex 2.6µm XB-C18 100x4.6mm

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

Dimensions: 100 x 4.6 mm ID

Order No: 00D-4496-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

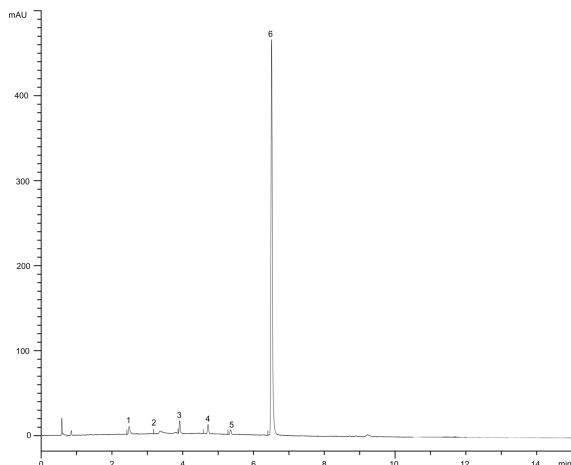
Col. Temp.: ambient

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

19507



Products used in this application:



ANALYTES:

1 Ranitidine amino alcohol hemifumarate

Retention Time: 2.472 min

2 Ranitidine diamine hemifumarate

Retention Time: 3.36 min

3 Ranitidine S-oxide

Retention Time: 3.904 min

4 Ranitidine N-oxide

Retention Time: 4.711 min

5 Ranitidine complex nitroacetamide

Retention Time: 5.349 min

6 Ranitidine

Retention Time: 6.504 min

