

HPLC Application

ID No.: 19540

Ranitidine Standard on HPLC -Kinetex 2.6µm C18 100x4.6mm - Method ruggedness

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

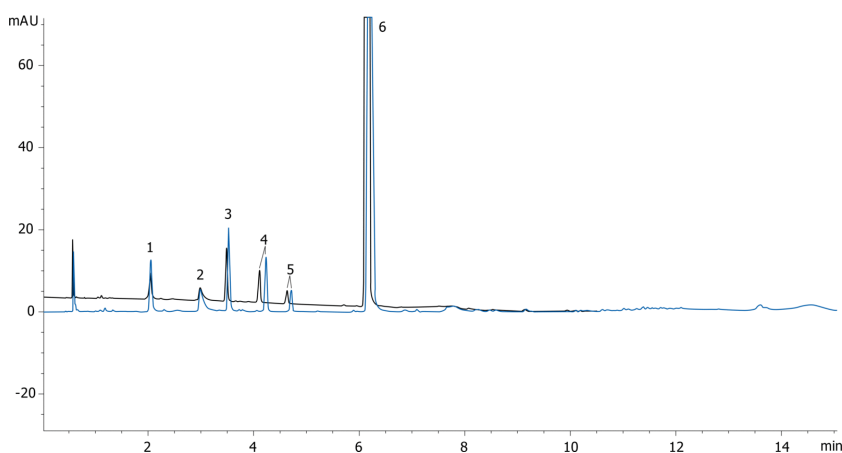
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

19540



Products used in this application:



ANALYTES:

1 Ranitidine amino alcohol hemifumarate

Retention Time: 2.037 min

2 Ranitidine diamine hemifumarate

Retention Time: 2.982 min

3 Ranitidine S-oxide

Retention Time: 3.485 min

4 Ranitidine N-oxide

Retention Time: 4.109 min

5 Ranitidine complex nitroacetamide

Retention Time: 4.632 min

6 Ranitidine

Retention Time: 6.141 min

