

HPLC Application

ID No.: 19538

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

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

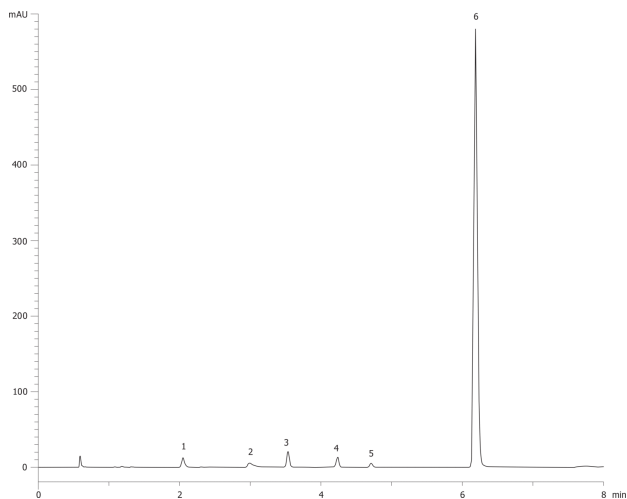
Col. Temp.: ambient

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

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Products used in this application:



ANALYTES:

- 1** Ranitidine amino alcohol hemifumarate
Retention Time: 2.049 min
- 2** Ranitidine diamine hemifumarate
Retention Time: 2.989 min
- 3** Ranitidine S-oxide
Retention Time: 3.533 min
- 4** Ranitidine N-oxide
Retention Time: 4.237 min
- 5** Ranitidine complex nitroacetamide
Retention Time: 4.712 min
- 6** Ranitidine
Retention Time: 6.192 min

