

HPLC Application

ID No.: 19543

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

Column: Kinetex[®] 2.6 μ m C18 100 \AA , 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

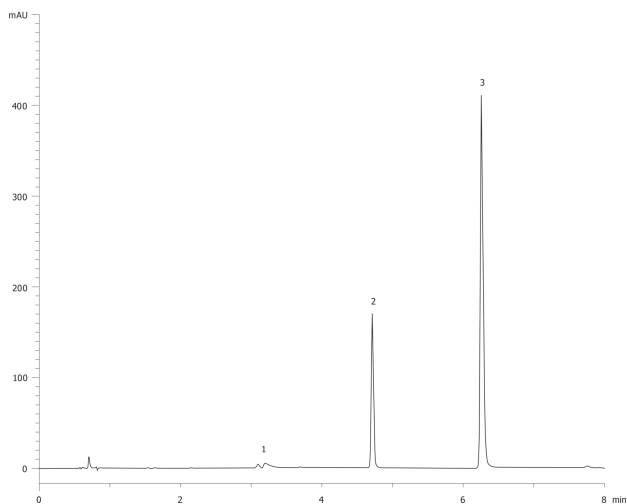
Col. Temp.: ambient

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

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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

