

HPLC Application

ID No.: 26295

Lisinopril Ph. Eur. System Suitability Reference Solution A on Kinetex 5 µm C18 250 x 4.6 mm on Agilent 1100 LC

Column: Kinetex® 5µm C18 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4601-E0

Elution Type: Gradient

Eluent A: Mix 3 volumes of acetonitrile R1 and 97 volumes of 3.12 g/L solution of sodium dihydroge

Eluent B: Mix 20.5 volumes of acetonitrile R1 and 79.5 volumes of 3.12 g/L solution of phosphoric a

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	
	2	2	100	
	3	37	0	100
	4	62	0	100
	5	62.5	100	
	6	66	100	

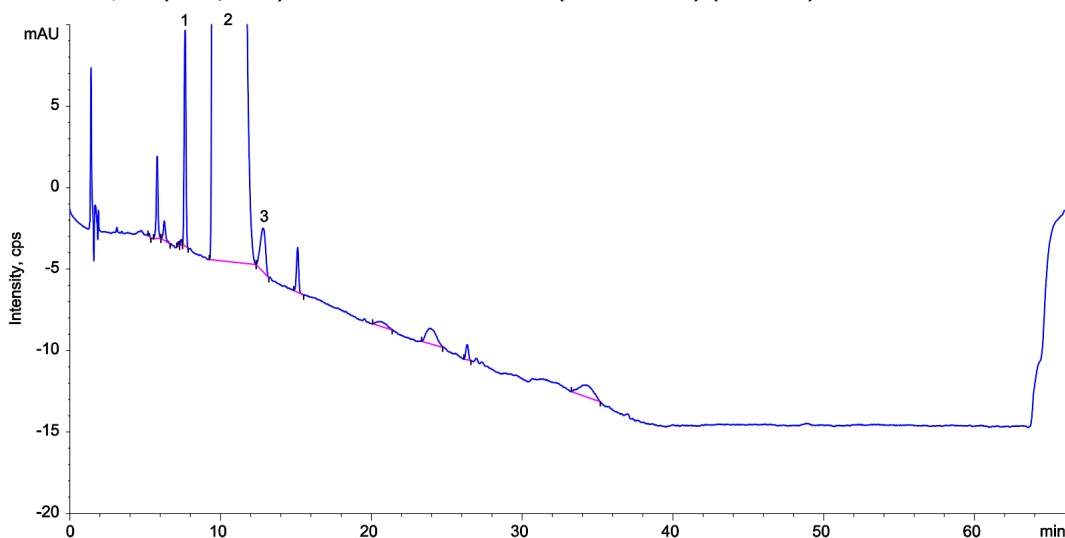
Flow Rate: 1.6 mL/min

Col. Temp.: 50 °C

Detection: LC/UV (DAD, PDA) @ 210.000000000 nm (nanometers) (ambient)



Products used in this application:



ANALYTES:

- 1** Impurity A
Retention Time: 7.649 min
- 2** Lisinopril
Retention Time: 10.173 min
- 3** Impurity E
Retention Time: 12.819 min

