



Column: [Kinetex™ 2.6 µm C18 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4462-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 0.1% phosphoric acid in water

Elution B: 0.1% phosphoric acid in acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	95	5
2	1.5	95	5
3	6	60	40
4	9.75	60	40
5	11.25	5	95
6	11.26	95	5
7	15.75	95	5

Flow Rate: 1.2 mL/min

Col. Temp: 30 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 215 nm (22°C)

Compounds:

- 1- Ascorbic acid
- 2- Acesulfame K
- 3- Saccharin
- 4- Quinine
- 5- Caffeine
- 6- Aspartame
- 7- Sorbic acid
- 8- Benzoic acid

