



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

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

Dimensions: 100 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	0.67	95	5
3	2.67	60	40
4	4.33	60	40
5	5	5	95
6	5.01	95	5
7	7	95	5

Flow Rate: 1.8 mL/min

Col. Temp: 30 °C

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

Compounds:

- 1- Acesulfame K
- 2- Caffeine
- 3- Benzoic acid