



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	0.75	95	5
3	6	50	50
4	6.75	10	90
5	6.76	95	5
6	9.75	95	5

Flow Rate: 1.8 mL/min

Col. Temp: 50 °C

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

Compounds:

- 1- Impurities from Dextromethorphan
- 2- Maleate from Chlorpheniramine
- 3- Phenylephrine
- 4- Acetmainophen
- 5- Doxylamine
- 6- Chlorpheniramine
- 7- Dextromethorphan