



Column: [Synergi™ 4 μm Max-RP 80 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4337-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: 20 mM KH₂PO₄, pH 7.0

Elution B: Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	80	20
2	3	80	20
3	15	50	50
4	16	80	20

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Fixed Wave. (UV) @ 210 nm (22°C)

Compounds:

- 1- Phenobarbital
- 2- Butabarbital
- 3- Butalbital
- 4- Amobarbital
- 5- Secobarbital