



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

Part No: [00F-4375-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Gradient

Elution A: Phosphate Buffer, pH 2.5

Elution B: Acetonitrile

Elution C: 0

Elution D: 0

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B	Pct C	Pct D
1	0	100	0	0	0
2	5	100	0	0	0
3	5.01	95	5	0	0
4	10	70	30	0	0
5	10.5	100	0	0	0
6	14	100	0	0	0

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Diode Array (PDA) @ 254 210 (22°C)

Compounds:

- 1- Cytosine
- 2- Adenine
- 3- Thymine
- 4- Morphine
- 5- Hydromorphone