



Column: [Gemini® 5 µm C18 110 Å LC Column 50 x 4.6 mm](#)

Part No: [00B-4435-E0](#)

Dimensions: 50 x 4.6 mm ID

Elution Type: Gradient

Elution A: 0.1% Formic Acid in Water

Elution B: Acetonitrile

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	98	2
2	2	98	2
3	2.1	85	15
4	6.5	50	50
5	7.1	0	100
6	8	0	100
7	8.1	98	2
8	10	98	2

Flow Rate: 0.8 mL/min

Col. Temp: 40 °C

Detection: Tandem Mass Spec (MS-MS) @ (600°C)

Compounds:

- 1- Oxytetracycline
- 2- Tetracycline
- 3- Chlortetracycline
- 4- Methacycline
- 5- Doxycycline