



Column: [Luna® 5 µm C8\(2\) 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4249-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 20 mM KH₂PO₄, pH 2.5

Elution B: ACN

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	95	5

Flow Rate: 1.5 mL/min

Col. Temp: 25 °C

Detection: UV-Vis Abs.-Fixed Wave. (UV) @ 273 nm (22°C)

Compounds:

- 1- Theobromine
- 2- Theophylline
- 3- Beta hydroxy theophylline
- 4- Caffeine