



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

Part No: [00F-4040-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: Methanol

Elution B: 20 mM KH₂PO₄ pH 9.0

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	99.9	0.1

Flow Rate: 1 mL/min

Col. Temp: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (22°C)

Compounds:

- 1- 8-Chlorotheophylline
- 2- Theophylline
- 3- 1,7-Dimethylxanthine
- 4- Caffeine