



Column: [Luna® 5 µm C18 100 Å LC Column 150 x 4.6 mm](#)

Part No: [00F-4041-E0](#)

Dimensions: 150 x 4.6 mm ID

Elution Type: Isocratic

Elution A: 50 mM Sodium acetate

Elution B: Acetonitrile

Elution C: Methanol

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B	Pct C
1	0	92	4	4

Flow Rate: 1 mL/min

Col. Temp: ambient

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

Compounds:

- 1- Theobromine
- 2- Paraxanthine
- 3- Theophylline
- 4- IS
- 5- Caffeine (1.6 ug/mL plasma)