



Column: [Luna® 5 µm Phenyl-Hexyl 100 Å LC Column 250 x 4.6 mm](#)

Part No: [00G-4257-E0](#)

Dimensions: 250 x 4.6 mm ID

Elution Type: Gradient

Elution A: 0.2% Acetic acid in Water/Acetonitrile (91:9)

Elution B: Water/Acetonitrile (20:80)

Gradient Profile:

Step No.	Time (min)	Pct A	Pct B
1	0	100	0
2	10	100	0
3	25	68	32
4	35	68	32
5	40	100	0
6	60	100	0

Flow Rate: 1 mL/min

Col. Temp: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 278 nm (22°C)

Compounds:

- 1- Theogalline
- 2- Gallic acid
- 3- Theobromine
- 4- Epigallocatechine
- 5- Catechine
- 6- Caffeine
- 7- Epicatechine
- 8- Epigallocatechingallate
- 9- Epicatechingallate