

HPLC Application

ID No.: 14436

Green Tea

Column: Luna[®] 5 µm Phenyl-Hexyl 100 Å, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4257-E0

Elution Type: Gradient

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

Eluent 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

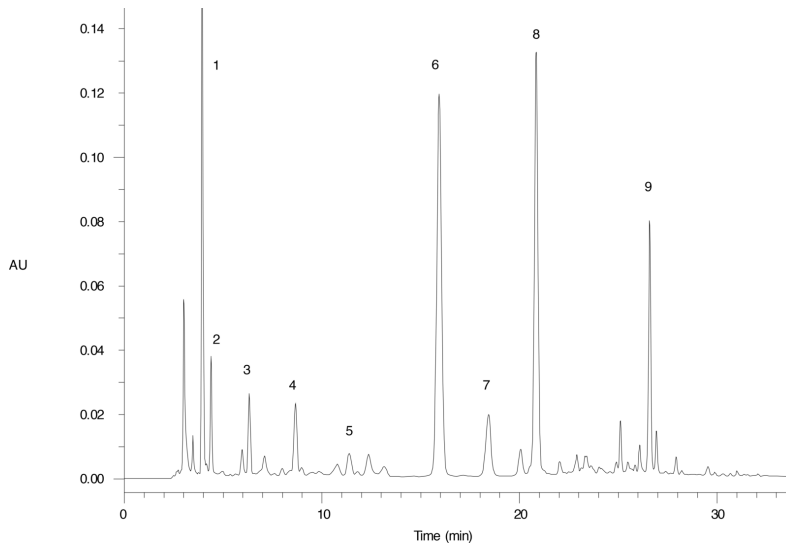
Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 278 nm (ambient)

Analyst Note: SecurityGuard[™] Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-4351

- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Theogalline
- 2 Gallic acid
- 3 Theobromine
- 4 Epigallocatechin
- 5 Catechine
- 6 Caffeine
- 7 Epicatechine
- 8 Epigallocatechin gallate
- 9 Epicatechin gallate



Products used in this application:

