

# HPLC Application

ID No.: 1123

## American Ginseng Root (Panax quinquefolium)

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 150 x 3 mm, Ea

**Dimensions:** 150 x 3 mm ID

**Order No:** 00F-4251-Y0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	20	80
	2	22	22	78
	3	40	50	50
	4	50	55	45
	5	52	65	35
	6	54	20	80
	7	70	20	80

**Flow Rate:** 0.6 mL/min

**Col. Temp.:** 40 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 205 nm (ambient)

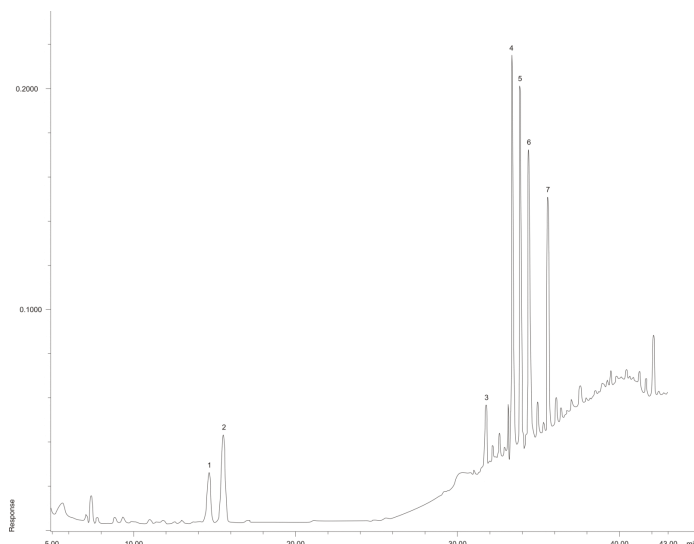
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 2.0mm, 10/Pk Part No.: AJ0-4286

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Ginsenoside Rg1
- 2 Ginsenoside Re
- 3 Ginsenoside Rf
- 4 Ginsenoside Rb1
- 5 Ginsenoside Rc
- 6 Ginsenoside Rb2
- 7 Ginsenoside Rd

