

HPLC Application

ID No.: 14241

Echinacea on Synergi Polar-RP

Column: Synergi[™] 4 μ m Polar-RP 80 \AA , LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4336-E0

Elution Type: Gradient

Eluent A: Water with 0.1% H₃PO₄

Eluent B: Acetonitrile with 0.1% H₃PO₄

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	20	75	25

Flow Rate: 1.5 mL/min

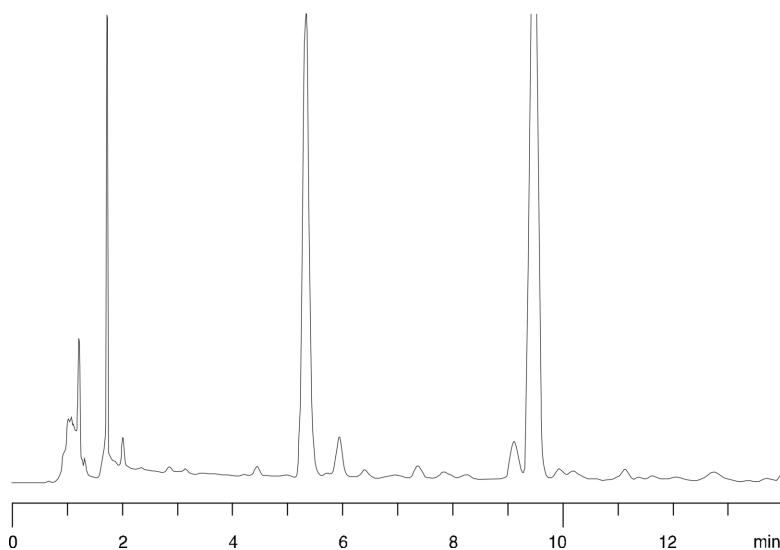
Col. Temp.: ambient

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 330 nm (ambient)

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

- SecurityGuard Cartridges, POLAR-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-6076

- Holder Part No.: KJ0-4282



ANALYTES:

- 1 Caftaric acid / unknown impurity
- 2 Chlorogenic acid
- 3 Echinacoside

