

# HPLC Application

ID No.: 1112

## Black Cohosh Root (Cimicifuga racemosa)

**Column:** Prodigy<sup>™</sup> 5 µm ODS-3 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4097-E0

**Elution Type:** Gradient

**Eluent A:** Water

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25
	2	30	25	75
	3	30	30	70
	4	33	0	100
	5	45	80	20

**Flow Rate:** 1.3 mL/min

**Col. Temp.:** 25 °C

**Detection:** Electrochemical (ELEC) @ (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

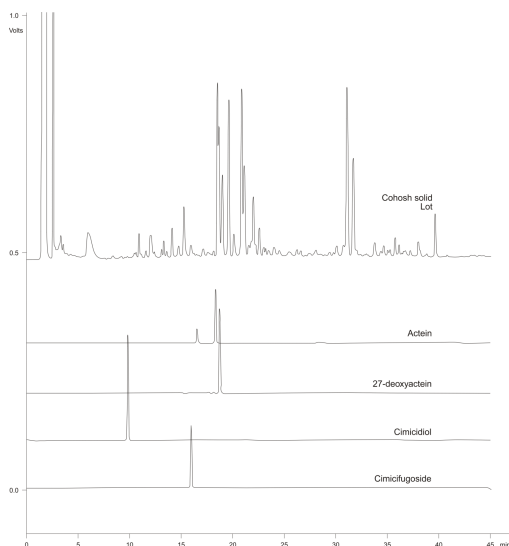
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:

# Prodigy<sup>™</sup>



### ANALYTES:

- 1 Actein
- 2 27-Deoxyactein
- 3 Cimicidol
- 4 Cimicifugoside

