

# HPLC Application

ID No.: 14535

## Cephalosporin Antibiotics - Luna Phenyl-Hexyl

**Column:** Luna® 5 µm Phenyl-Hexyl 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4257-E0

**Elution Type:** Gradient

**Eluent A:** 20 mM KH<sub>2</sub>PO<sub>4</sub>, pH 7.0

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	90	10
	2	15	87	13

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

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

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

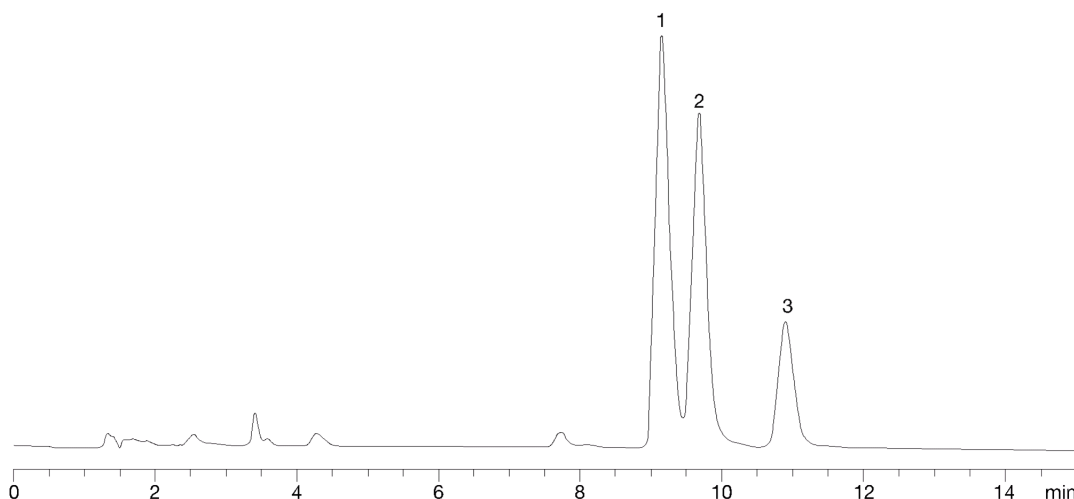
- Holder Part No.: KJ0-4282



Products used in this application:



14535



### ANALYTES:

- 1 Cephalixin
- 2 Cefaclor
- 3 Cephadrine

