

# HPLC Application

ID No.: 14529

## Cephalosporin Antibiotics - Luna C8(2)

**Column:** Luna® 5 µm C8(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4249-E0

**Elution Type:** Gradient

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

**Eluent B:** Acetonitrile

<b>Gradient Profile:</b>	<b>Step No.</b>	<b>Time (min)</b>	<b>Pct A</b>	<b>Pct B</b>
	<b>1</b>	0	90	10
	<b>2</b>	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.

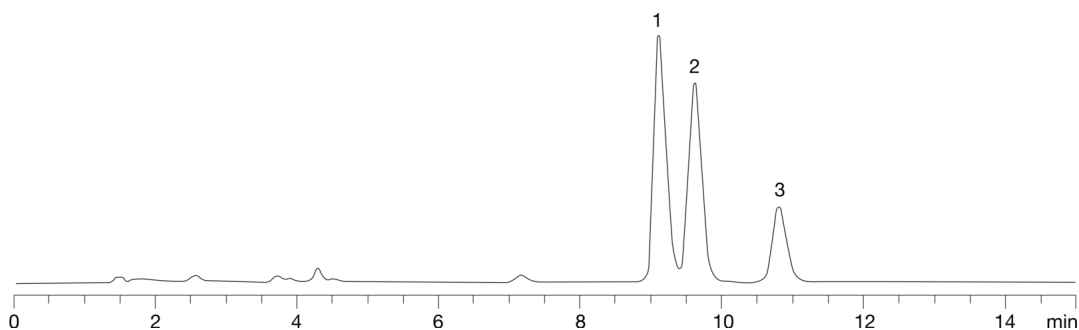
- SecurityGuard Cartridges, C8 4 x 3.0mm, 10/Pk Part No.: AJ0-4290

- Holder Part No.: KJ0-4282

14529



Products used in this application:



### ANALYTES:

- 1 Cephalixin
- 2 Cefaclor
- 3 Cephradine

