

# HPLC Application

ID No.: 15009

## Basic compounds, pH 7.0

**Column:** Gemini<sup>®</sup> 5  $\mu$ m C18 110  $\text{Å}$ , LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4435-E0

**Elution Type:** Isocratic

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

**Eluent B:** Acetonitrile

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

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (25 °C)

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

- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

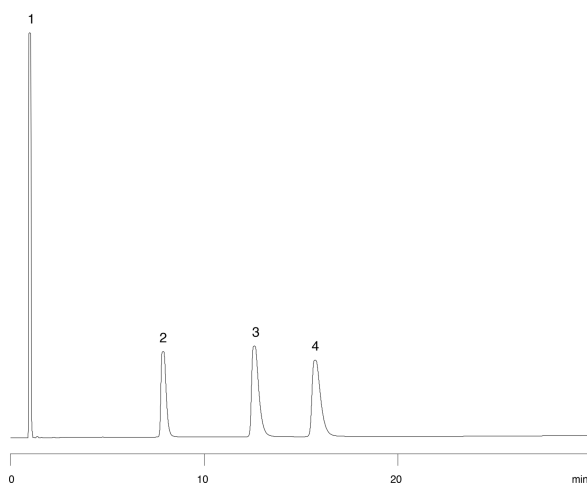
- Holder Part No.: KJ0-4282



Products used in this application:



15009



### ANALYTES:

- 1** Maleic acid  
Retention Time: 0.992 min
- 2** Chlorpheniramine  
Retention Time: 7.874 min
- 3** Triprolidine  
Retention Time: 12.585 min
- 4** Diphenhydramine  
Retention Time: 15.729 min

