

# HPLC Application

ID No.: 15690

## Pseudoephedrine Alkaloids (Gemini 5µm C18)

**Column:** Gemini<sup>®</sup> 5 µm C18 110 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:** 10mM NH<sub>4</sub>HCO<sub>3</sub>, pH 10.5

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

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

**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

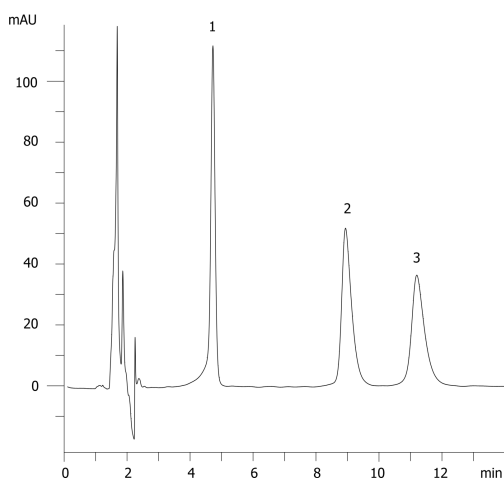
- Holder Part No.: KJ0-4282



Products used in this application:



15690



### ANALYTES:

**1** Phenylpropanolamine

Retention Time: 4.724 min

**2** Ephedrine

Retention Time: 8.935 min

**3** Pseudoephedrine

Retention Time: 11.2 min

