

# HPLC Application

ID No.: 14999

## Local Anesthetics

**Column:** Gemini<sup>®</sup> 5  $\mu$ m 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	50	50

**Flow Rate:** 1 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.

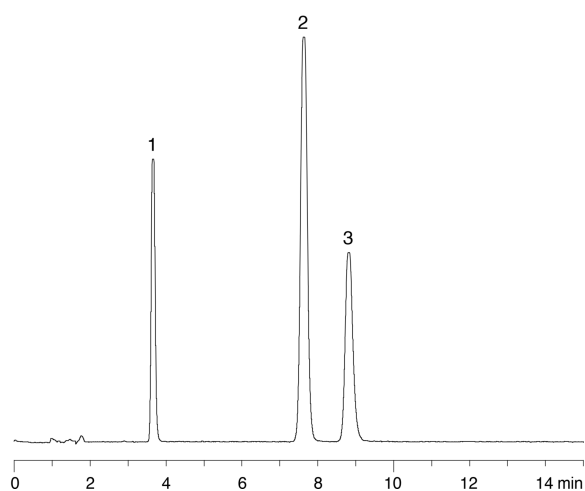
- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

**1** Procaine

Retention Time: 3.658 min

**2** Lidocaine

Retention Time: 7.63 min

**3** Tetracaine

Retention Time: 8.814 min

