

# HPLC Application

ID No.: 15860

## Tricyclic Antidepressants at Neutral pH on Gemini 5um C6-Phenyl

**Column:** Gemini<sup>®</sup> 5 µm C6-Phenyl 110 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4444-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM Phosphate buffer pH7.0

**Eluent B:** Acetonitrile

**Eluent C:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	30	35	35

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

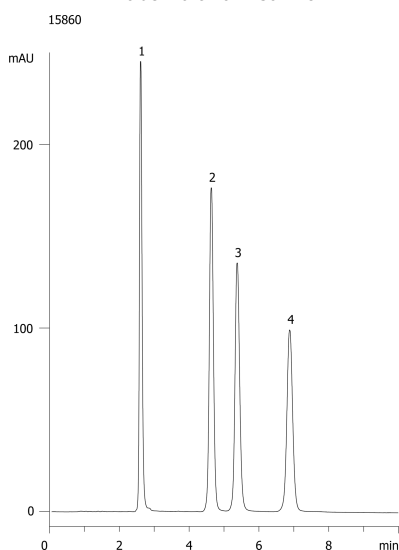
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Gemini C6-Phenyl 4 x 3.0mm, 10/Pk Part No.: AJ0-7915

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Nortriptyline
- 2 Imipramine
- 3 Amitriptyline
- 4 Clomipramine

