

# HPLC Application

ID No.: 15688

## Imipramine modified USP (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:** acetonitrile

**Eluent B:** 60mM sodium perchlorate

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	35	65

**Flow Rate:** 1.5

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 269 nm (ambient)

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

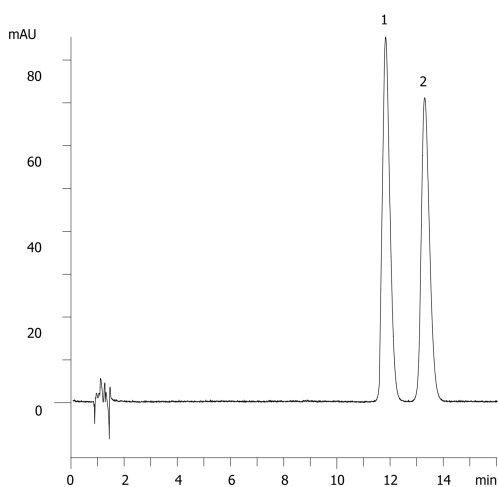
- SecurityGuard Cartridges, Gemini C18 4 x 3.0mm, 10/Pk Part No.: AJ0-7597

- Holder Part No.: KJ0-4282

15688



Products used in this application:



### ANALYTES:

**1** Desipramine

Retention Time: 11.83 min

**2** Imipramine

Retention Time: 13.3 min

