

# HPLC Application

ID No.: 3255

## Imipramine - USP Method

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4252-E0

**Elution Type:** Isocratic

**Eluent A:** 0.06M sodium perchlorate, pH 2.0

**Eluent B:** Acetonitrile

**Eluent C:** Triethylamine

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	62.5	37.5	0.1

**Flow Rate:** 1.5 mL/min

**Col. Temp.:** ambient

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

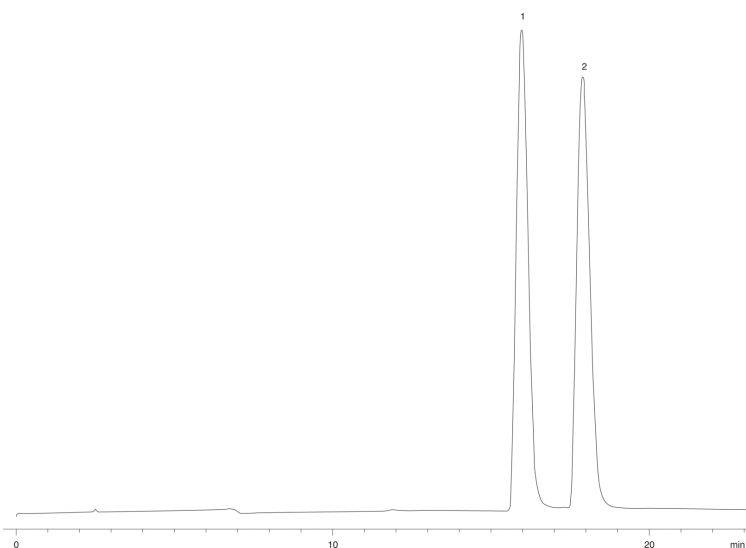
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

1 Imipramine

Retention Time: 15.89 min

2 Desipramine

Retention Time: 17.818 min

