

## Imipramine - USP Acceptable Modified Method

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

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

**Elution Type:** Isocratic

**Eluent A:** 0.06M sodiumperchlorate, 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:** 2 mL/min

**Col. Temp.:** ambient

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

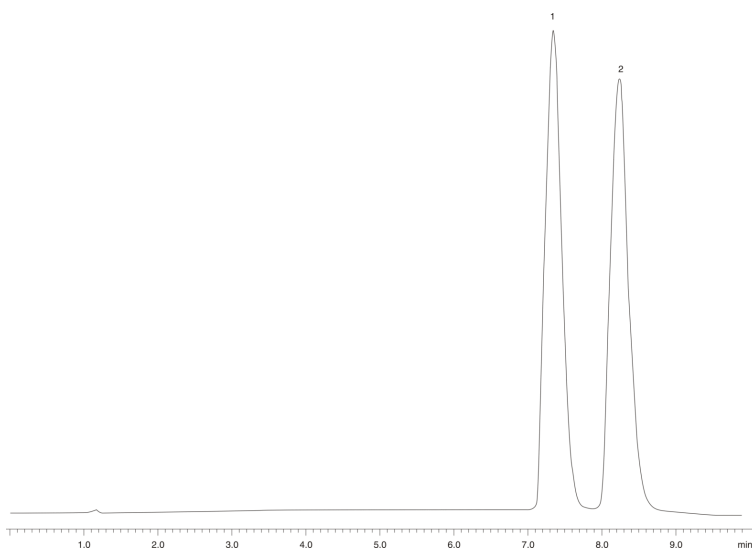
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- 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: 7.299 min

**2** Desipramine

Retention Time: 8.188 min

