

# HPLC Application

ID No.: 17703

## Axia Packed Gemini 5 µm C18 (low pH loading - Lidocaine and Diphenhydramine - 110mg/100µL)

**Column:** Gemini® 5 µm C18 110 Å, LC Column 50 x 21.2 mm, AXIA™ Packed, Ea

**Dimensions:** 50 x 21.2 mm ID

**Order No:** 00B-4435-P0-AX

**Elution Type:** Gradient

**Eluent A:** 0.5 % TFA in Water

**Eluent B:** Acetonitrile

| Gradient | Step No. | Time (min) | Pct A | Pct B |
|----------|----------|------------|-------|-------|
| Profile: | 1        | 0          | 95    | 5     |
|          | 2        | 5          | 5     | 95    |

**Flow Rate:** 30 mL/min

**Col. Temp.:** ambient

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

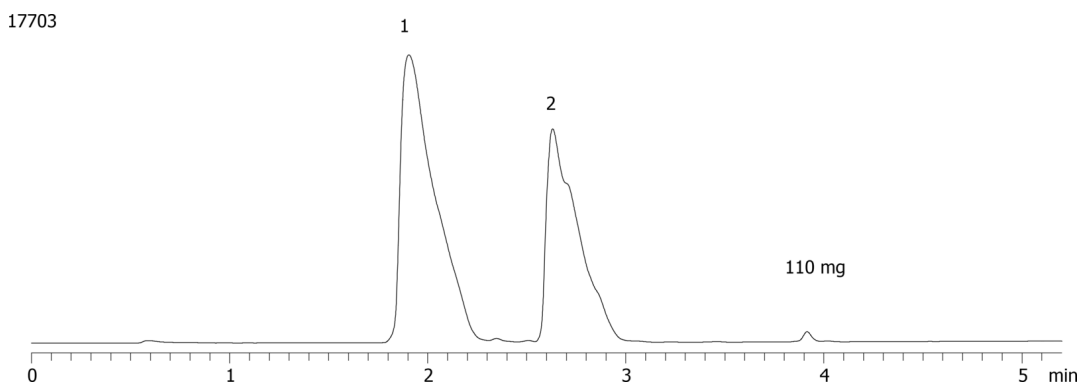
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard PREP Cartridge, Gemini C18 15 x 21.2mm ID, Ea Part No.: AJ0-7846

- Holder Part No.: AJ0-8223



Products used in this application:



### ANALYTES:

- 1 Lidocaine
- 2 Diphenhydramine

