

# HPLC Application

ID No.: 17706

## Axia Packed Gemini-NX 5 $\mu$ m C18 (low pH loading - Lidocaine and Diphenhydramine - 110mg/100 $\mu$ L)

**Column:** Gemini<sup>®</sup> 5  $\mu$ m NX-C18 110 Å, LC Column 50 x 21.2 mm, AXIA<sup>™</sup> Packed, Ea

**Dimensions:** 50 x 21.2 mm ID

**Order No:** 00B-4454-P0-AX

**Elution Type:** Gradient

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

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	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)

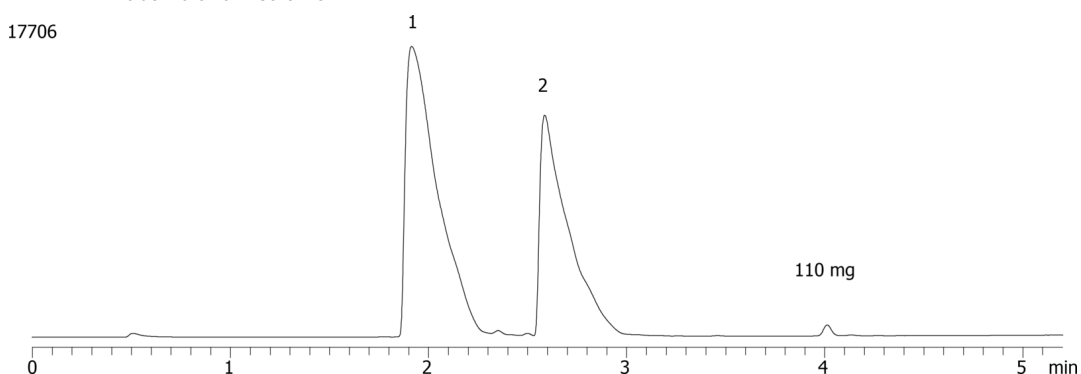
**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard PREP Cartridge, Gemini-NX C18 15 x 21.2mm, Ea Part No.: AJ0-8370

- Holder Part No.: AJ0-8223



Products used in this application:



### ANALYTES:

- 1 Lidocaine
- 2 Diphenhydramine