

HPLC Application

ID No.: 15685

Lorazepam (Gemini 5µm C18)

Column: Gemini® 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: 1% Acetic Acid

Eluent B: Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	30	70

Flow Rate: 1 mL/min

Col. Temp.: ambient

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

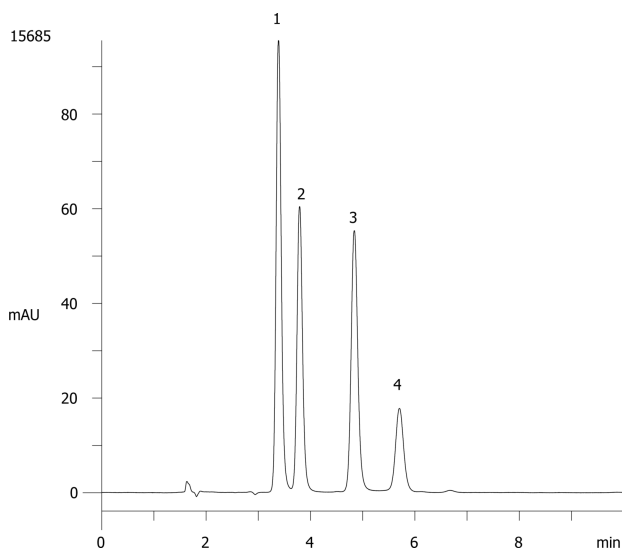
Analyst Note: SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



ANALYTES:

- 1** Lorazepam
Retention Time: 3.386 min
- 2** Temazepam
Retention Time: 3.79 min
- 3** Diazepam
Retention Time: 4.838 min
- 4** degradant or impurity
Retention Time: 5.7 min

