

HPLC Application

ID No.: 15456

Benzodiazepines Standards on Gemini C18

Column: Gemini[®] 5 μ m C18 110 Å, LC Column 150 x 3 mm, Ea

Dimensions: 150 x 3 mm ID

Order No: 00F-4435-Y0

Elution Type: Gradient

Eluent A: 0.1% Formic acid in Water

Eluent B: 0.1% Formic acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	80	20
	2	8	20	80
	3	9	20	80

Flow Rate: 0.8 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 2.0mm, 10/Pk Part No.: AJ0-7596

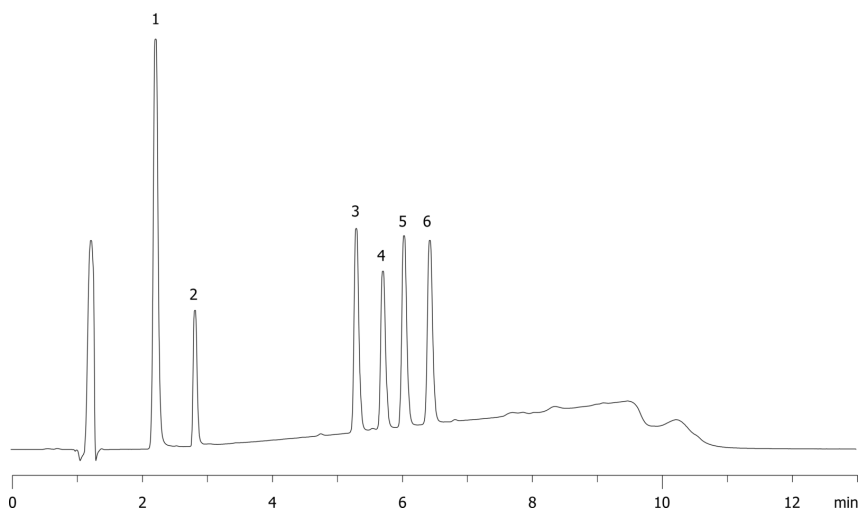
- Holder Part No.: KJ0-4282



Products used in this application:



15456



ANALYTES:

- 1** Chlordiazepoxide
Retention Time: 2.22 min
- 2** Flurazepam
Retention Time: 2.83 min
- 3** Oxazepam
Retention Time: 5.31 min
- 4** Clonazepam
Retention Time: 5.72 min
- 5** Temazepam
Retention Time: 6.05 min
- 6** Diazepam (Valium)
Retention Time: 6.45 min

