

HPLC Application

ID No.: 15010

Basic compounds, pH 2.5

Column: Gemini[®] 5 μ m C18 110 \AA , 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: 20mM KH₂PO₄ buffer, pH 2.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	75	25

Flow Rate: 1.5 mL/min

Col. Temp.: 25 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (25 °C)

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

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

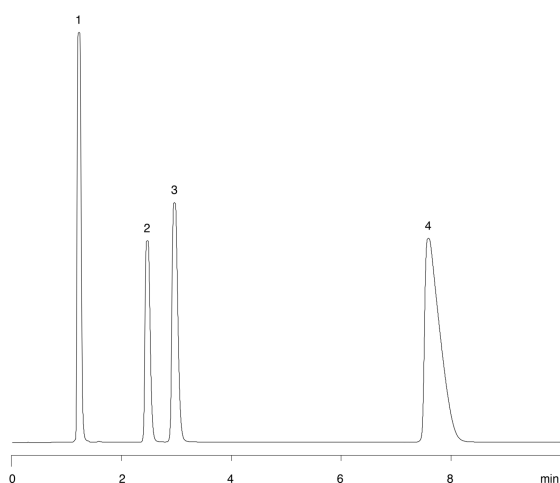
- Holder Part No.: KJ0-4282



Products used in this application:



15010



ANALYTES:

1 Maleic acid

Retention Time: 1.228 min

2 Chlorpheniramine

Retention Time: 2.473 min

3 Triprolidine

Retention Time: 2.967 min

4 Diphenhydramine

Retention Time: 7.59 min

