

HPLC Application

ID No.: 15655

Basic compounds, pH 2.5 (Synergi 4 μ m Fusion-RP)

Column: Synergi[™] 4 μ m Fusion-RP 80 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4424-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

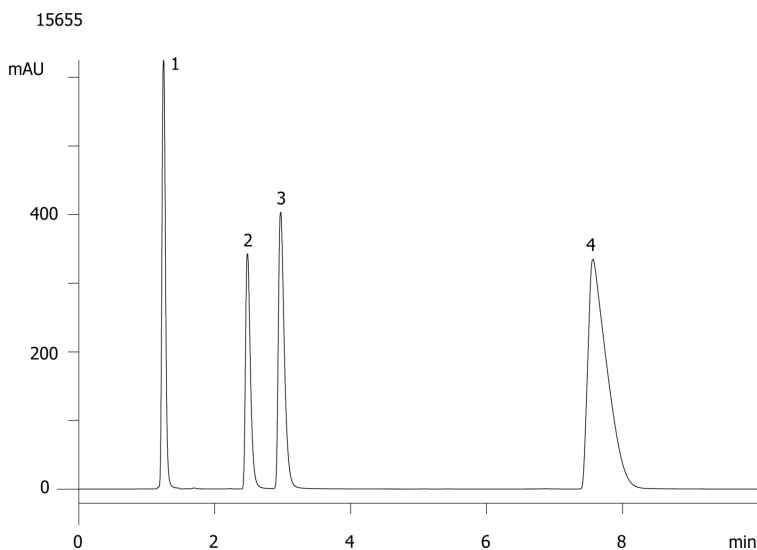
Col. Temp.: 25 °C

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

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

- SecurityGuard Cartridges, Fusion-RP 4 x 3.0mm, 10/Pk Part No.: AJ0-7557

- Holder Part No.: KJ0-4282



ANALYTES:

- 1** Maleic acid
Retention Time: 1.247 min
- 2** Chlorpheniramine
Retention Time: 2.482 min
- 3** Triprolidine
Retention Time: 2.969 min
- 4** Diphenhydramine
Retention Time: 7.564 min

