

# HPLC Application

ID No.: 15655

## Basic compounds, pH 2.5 (Synergi 4 $\mu$ m Fusion-RP)

**Column:** Synergi<sup>™</sup> 4  $\mu$ 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 KH<sub>2</sub>PO<sub>4</sub> 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

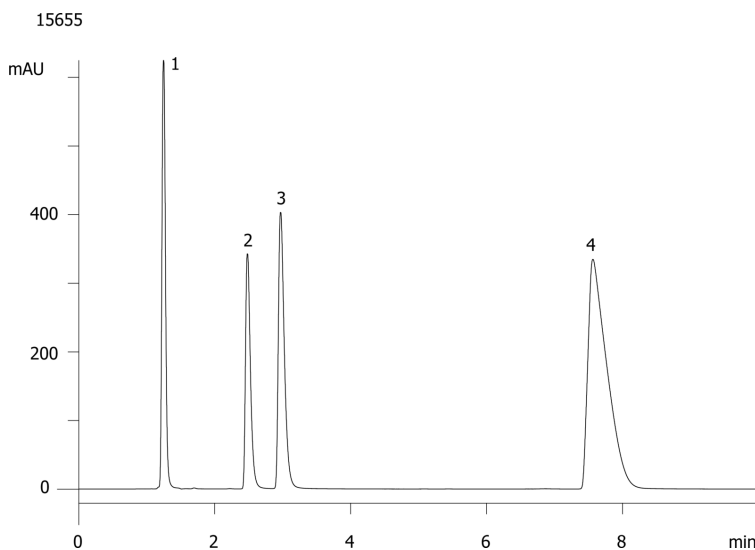
**Col. Temp.:** 25 °C

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

**Analyst Note:** SecurityGuard<sup>™</sup> 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

