

# HPLC Application

ID No.: 14197

## Beta-blockers on Synergi 4um Max-RP

**Column:** Synergi<sup>™</sup> 4 μm Max-RP 80 Å, LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4337-E0

**Elution Type:** Gradient

**Eluent A:** 20mM KH<sub>2</sub>PO<sub>4</sub>, pH 2.5

**Eluent B:** Acetonitrile

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 95    | 5     |
|                   | 2        | 5          | 50    | 50    |

**Flow Rate:** 1.5 mL/min

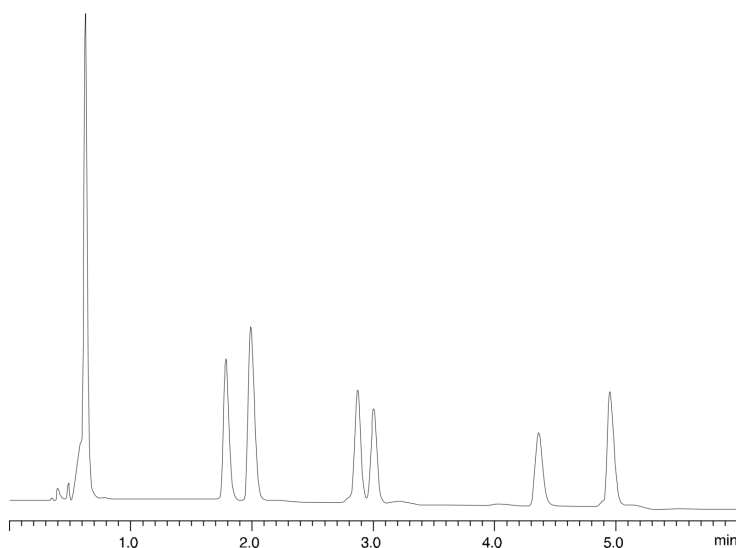
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, C12 4 x 3.0mm, 10/Pk Part No.: AJ0-6074

- Holder Part No.: KJ0-4282



### ANALYTES:

- 1 Atenolol
- 2 Nadolol
- 3 Pindolol
- 4 Acebutolol
- 5 Metoprolol
- 6 Labetalol
- 7 Alprenolol

