

HPLC Application

ID No.: 15889

Beta Blockers pH 10.5 using Gemini 5u C6-Phenyl

Column: Gemini[®] 5 μ m C6-Phenyl 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4444-E0

Elution Type: Isocratic

Eluent A: 10mM Ammonium Bicarbonate pH 10.5

Eluent B: Methanol

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

Flow Rate: 1 mL/min

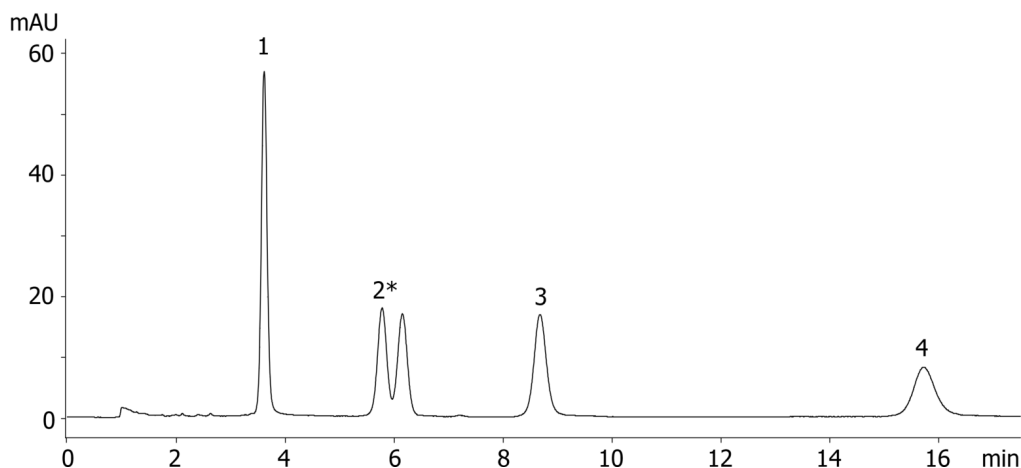
Col. Temp.: ambient

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

Analyst Note: * Note the unique selectivity for separating the diastereomers of Labetalol (Peak No. 2)
15889



Products used in this application:



ANALYTES:

- 1 Atenolol
- 2 Labetalol
- 3 Pindolol
- 4 Metoprolol

