

HPLC Application

ID No.: 16641

Polar bases (beta blockers) at high pH (ammonium bicarbonate pH 10.5) on Gemini-NX 5 μ

Column: Gemini[®] 5 μ m NX-C18 110 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4454-E0

Elution Type: Gradient

Eluent A: 10mM Ammonium Bicarbonate pH 10.5

Eluent B: Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	15	70	30
	3	20	50	50
	4	25	50	50

Flow Rate: 1.5 mL/min

Col. Temp.: ambient

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

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

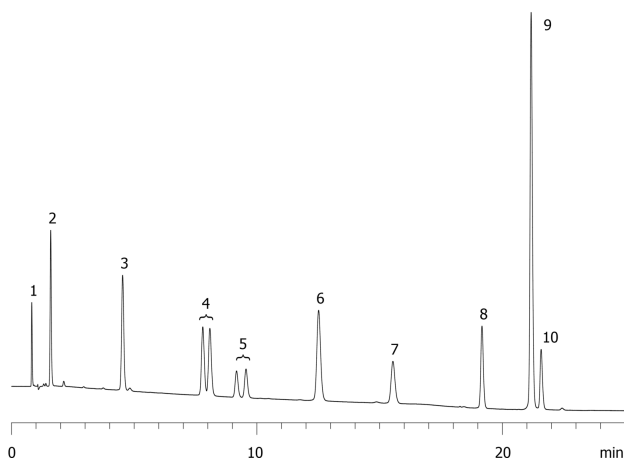
- SecurityGuard Cartridges, C18 4 x 3.0mm, 10/Pk Part No.: AJ0-4287

- Holder Part No.: KJ0-4282

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Products used in this application:



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ANALYTES:

- 1 Bisoprolol
- 2 Sotalol
- 3 Atenolol
- 4 Labetalol
- 5 Labetalol
- 6 Nadolol
- 7 Nadolol
- 8 Pindolol
- 9 Metoprolol
- 10 Bisoprolol
- 11 Propranolol
- 12 Alprenolol

