

# HPLC Application

ID No.: 10874

## Basic Drugs using Ammonium Hydroxide

**Column:** Luna® 3 µm C18(2) 100 Å, LC Column 30 x 4.6 mm, Ea

**Dimensions:** 30 x 4.6 mm ID

**Order No:** 00A-4251-E0

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% ammonium hydroxide, pH 10

**Eluent B:** Acetonitrile with 0.1% ammonium hydroxide, pH 10

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	3	25	75

**Flow Rate:** 2 mL/min

**Col. Temp.:** 25 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 205 nm (ambient)

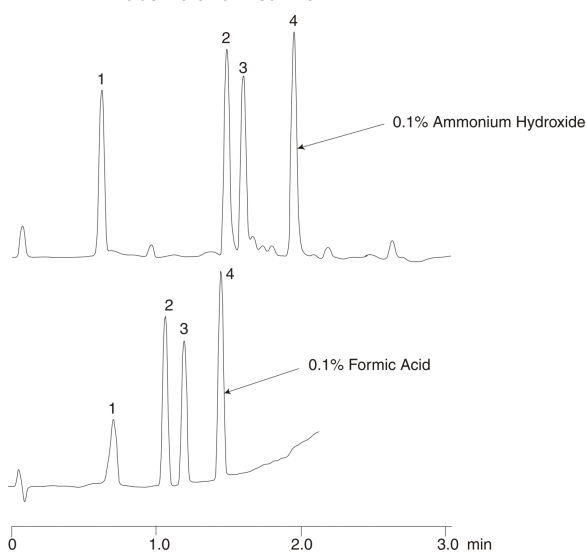
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.

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

- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Metaproterenol
- 2 Pindolol
- 3 Metoprolol
- 4 Propranolol

