

# HPLC Application

ID No.: 18288

## Mix of Acid, Base and Neutral on Gemini-NX Under High pH Condition

**Column:** Gemini<sup>®</sup> 5  $\mu$ 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:** 10 mM Ammonium bicarbonate (pH 10.0)

**Eluent B:** Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	10	5	95
	3	12	5	95

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

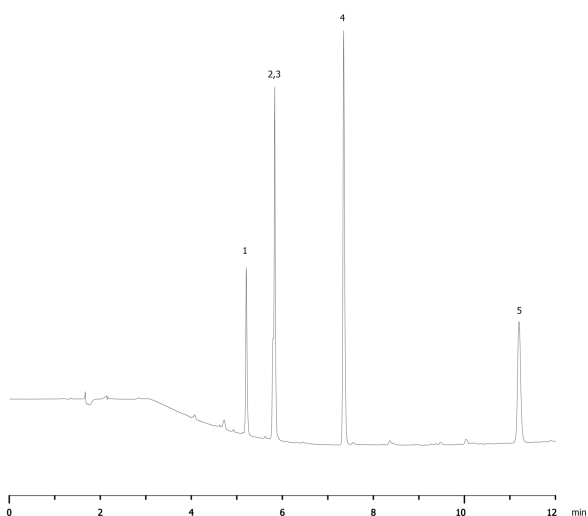
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 230 nm (ambient)

**Analyst Note:** Compare with App ID 18290

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Products used in this application:



### ANALYTES:

- 1** Atenolol  
Retention Time: 5.2 min
- 2** Procainamide  
Retention Time: 5.8 min
- 3** Indomethacine  
Retention Time: 5.8 min
- 4** Carbamazepine  
Retention Time: 7.3 min
- 5** Promethazine  
Retention Time: 11.2 min

