

# HPLC Application

ID No.: 15597

## Tricyclic Antidepressants at Neutral pH by Luna 5um C18(2)

**Column:** Luna® 5 µm C18(2) 100 Å, LC Column 150 x 4.6 mm, Ea

**Dimensions:** 150 x 4.6 mm ID

**Order No:** 00F-4252-E0

**Elution Type:** Isocratic

**Eluent A:** 20mM Phosphate buffer pH7.0

**Eluent B:** Acetonitrile

**Eluent C:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B	Pct C
	1	0	30	35	35

**Flow Rate:** 1.5 mL/min

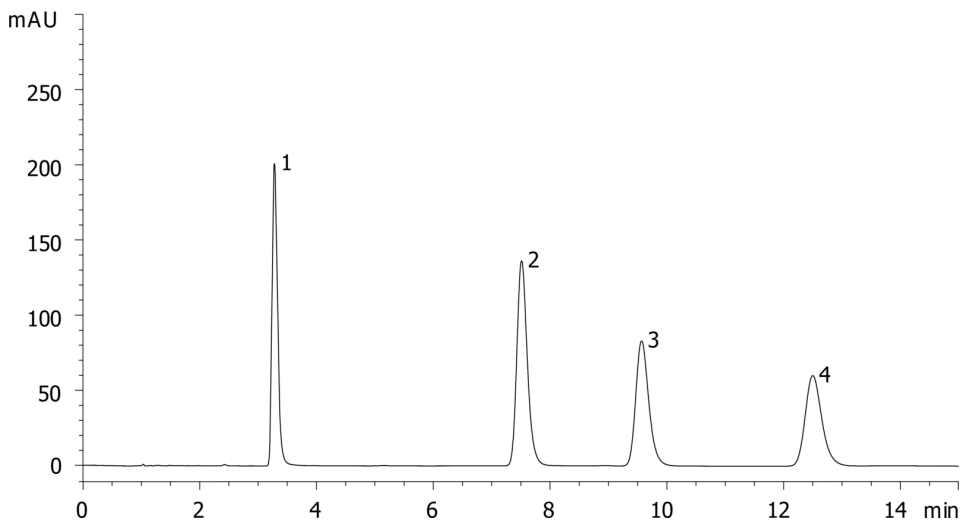
**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 254 nm (ambient)

**Analyst Note:** Peak 3 -- Amitriptyline

Efficiency = 9543 Peak Symmetry = 0.77

15597



### ANALYTES:

- 1 Nortriptyline
- 2 Imipramine
- 3 Amitriptyline
- 4 Clomipramine



Products used in this application:

