

# HPLC Application

ID No.: 3477

## Tricyclic Antidepressants

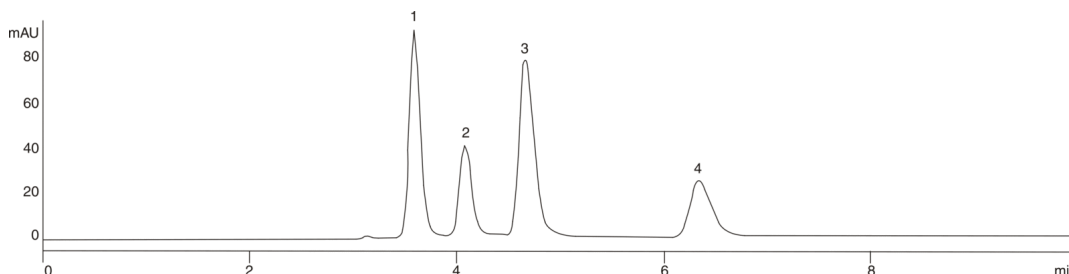
**Column:** Luna® 5 µm CN 100 Å, LC Column 150 x 4.6 mm, Ea  
**Dimensions:** 150 x 4.6 mm ID  
**Order No:** 00F-4255-E0  
**Elution Type:** Isocratic  
**Eluent A:** 20mM Potassium phosphate, pH 3.0/Methanol (80:20)  
**Eluent B:** Acetonitrile  
**Gradient**

Step No.	Time (min)	Pct A	Pct B
1	0	80	20

**Flow Rate:** 1.5 mL/min  
**Col. Temp.:** ambient  
**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 210 nm (ambient)  
**Analyst Note:** SecurityGuard™ Guard Cartridge System extends column lifetime.  
- SecurityGuard Cartridges, CN 4 x 3.0mm, 10/Pk Part No.: AJ0-4305  
- Holder Part No.: KJ0-4282



Products used in this application:



### ANALYTES:

- 1 Doxepin
- 2 Desipramine
- 3 Amitriptyline
- 4 Clomipramine

