

# HPLC Application

ID No.: 17471

## Mianserin on Lux 3µm Cellulose-1

**Column:** Lux<sup>®</sup> 3 µm Cellulose-1, LC Column 250 x 4.6 mm, Ea

**Dimensions:** 250 x 4.6 mm ID

**Order No:** 00G-4458-E0

**Elution Type:** Isocratic

**Eluent A:** 0.1 % DEA in CH<sub>3</sub>CN

**Eluent B:** 0.1 % DEA in IPA

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

**Flow Rate:** 1 mL/min

**Col. Temp.:** ambient

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (ambient)

**Detector Info:** alpha=1.28 and Rs=3.46

**Analyst Note:** SecurityGuard<sup>™</sup> Guard Cartridge System extends column lifetime.

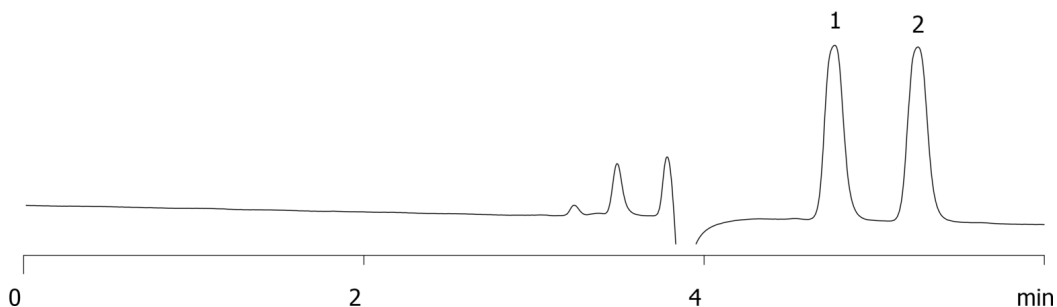
- SecurityGuard Cartridges, Lux Cellulose-1, 4 x 3.0mm, 10/Pk Part No.: AJ0-8403

- Holder Part No.: KJ0-4282

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Products used in this application:



### ANALYTES:

- 1 Mianserin  
Retention Time: 4.8 min
- 2 Mianserin  
Retention Time: 5.3 min

