

## Chiral HPLC Purification of Terfenadine on Lux Cellulose-2

**Column:** Lux® 5 µm Cellulose-2, LC Column 250 x 21.2 mm, AXIA™ Packed, Ea

**Dimensions:** 250 x 21.2 mm ID

**Order No:** 00G-4457-P0-AX

**Elution Type:** Isocratic

**Eluent A:** 0.1% DEA in Isopropanol

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

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	10	3	97

**Flow Rate:** 20 mL/min

**Col. Temp.:** 20 °C

**Detection:** UV-Vis Abs.-Variable Wave.(UV) @ 220 nm (20 °C)

**Detector Info:** PDR Chiral ALP

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

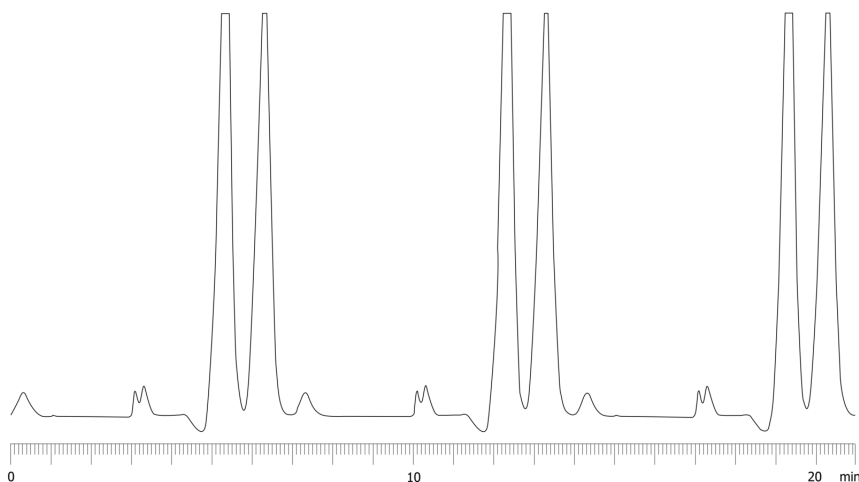
- SecurityGuard PREP Cartridge, Lux Cellulose-2, 15 x 21.2mm ID, Ea Part No.: AJ0-8400

- Holder Part No.: AJ0-8223

19272



Products used in this application:



### ANALYTES:

- 1 Terfenadine  
Retention Time: 3.5 min
- 2 Terfenadine  
Retention Time: 6 min

