HPLC Application

ID No.: **21229**

Mianserine on Lux 5µm Cellulose-3 by SFC

Products used in this application:

LUX SIMPLIFIED CHIRAL SEPARATIONS

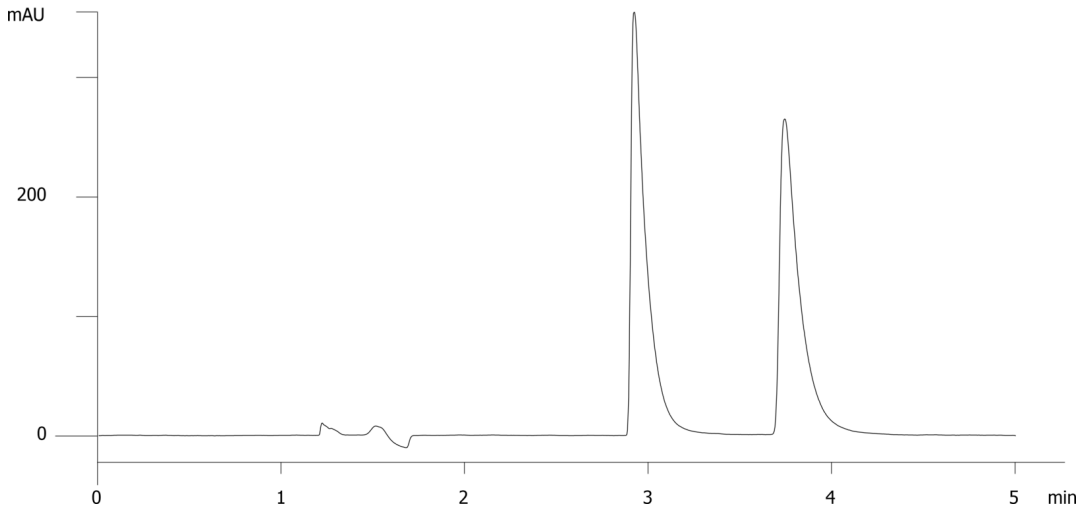
Column:	Lux® 5 µm Cellulose-3, LC Column 250 x 4.6 mm, Ea		
Dimensions:	250 x 4.6 mm ID		
Order No:	00G-4493-E0		
Elution Type:	Isocratic		
Eluent A:	CO2/(Methanol + 0.1% IPA + 0.1% TFA) 80:20 (v/v)		
Gradient Profile:	**Step No.**	**Time (min)**	**Pct A**
	1	0	100
Flow Rate:	3 mL/min		
Col. Temp.:	30 °C		
Detection:	UV-Vis Abs.-Diode Array (PDA) @ 220 nm (30 °C)		

Analyst Note: Courtesy of Katrijn De Klerck, Debby Mangelings and Yvan Vander Heyden, Department of Analytical Chemistry and Pharmaceutical Technology, Vrije Universiteit Brussel, Brussels, Belgium.
Results of this analysis yielded: Alpha >1.1 and Resolution >1.5

SecurityGuard™ Guard Cartridge System extends column lifetime.

- SecurityGuard Cartridges, Lux Cellulose-3, 4 x 3.0mm ID, 10/Pk Part No.: AJ0-8622
- Holder Part No.: KJ0-4282

21229



ANALYTES:

1 Mianserin

2 Mianserin

©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at info@phenomenex.com

Phenomenex products are available worldwide.