

HPLC Application

ID No.: 18867

Terfenadine on Lux 5 µm Cellulose-1 by Chiral SFC (loading and scale up)

Column: Lux® 5 µm Cellulose-1, LC Column 250 x 21.2 mm, AXIA™ Packed, Ea

Dimensions: 250 x 21.2 mm ID

Order No: 00G-4459-P0-AX

Elution Type: Isocratic

Eluent A: Methanol with 0.1% DEA

Eluent B: CO₂

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	25	75

Flow Rate: 50 mL/min

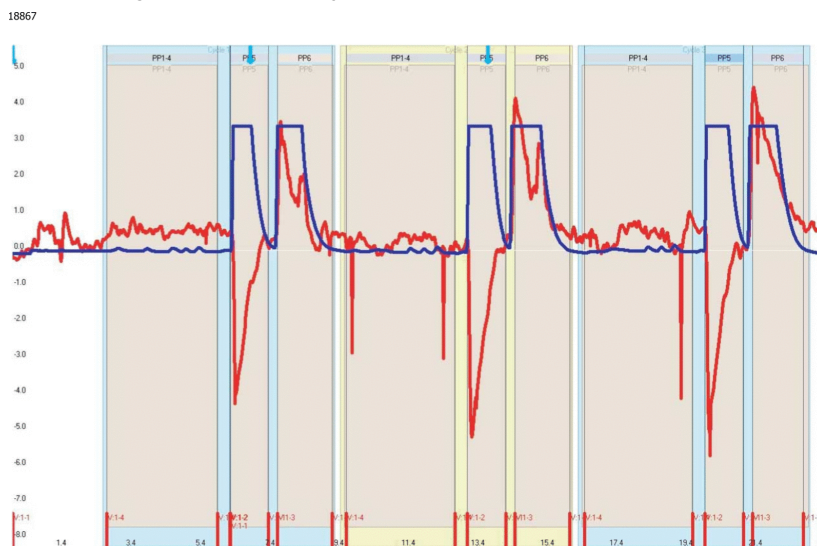
Col. Temp.: 35 °C

Detection: UV-Vis Abs.-Diode Array (PDA) @ 220 nm (ambient)

Analyst Note: Application using combination of UV-Vis detector (red trace) and PDR-Chiral Advanced Laser Polarimeter (blue trace) showing 3 purification cycles. Courtesy of PDR-Chiral, Inc. 105mg in 3.5mL on-column injection of Terfenadine.



Products used in this application:



ANALYTES:

- 1 Terfenadine
- 2 Terfenadine