

HPLC Application

ID No.: 18865

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

Column: Lux[®] 5 µm Cellulose-1, LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4459-E0

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: 2.5 mL/min

Col. Temp.: 35 °C

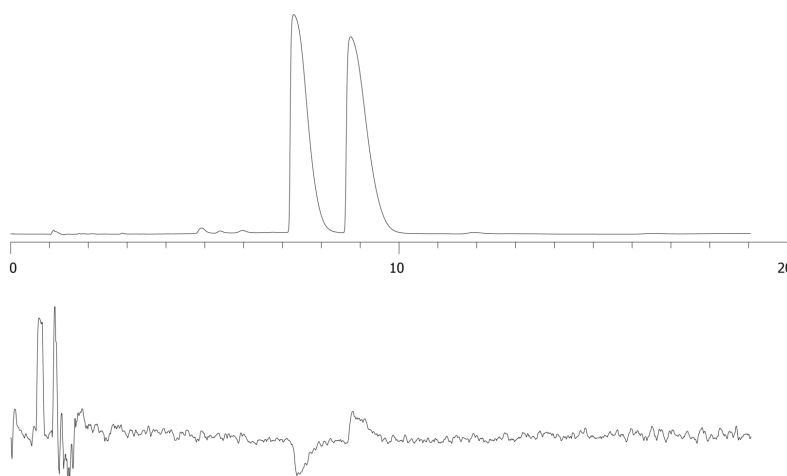
Detection: UV-Vis Abs.-Diode Array (PDA) @ 220 nm (ambient)

Analyst Note: Application using combination of UV-Vis detector (upper trace) and PDR-Chiral Advanced Laser Polarimeter (lower trace) courtesy of PLR-Chiral, Inc.
300µg in 10µL on-column injection of Terfenadine.

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Products used in this application:



ANALYTES:

1 Terfenadine

2 Terfenadine