

# HPLC Application

ID No.: 18981

## Propranolol on Lux 5 µm Cellulose-1 by Chiral SFC with EtOH dissolution solvent

**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:** Carbon Dioxide

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

**Flow Rate:** 2.5 mL/min

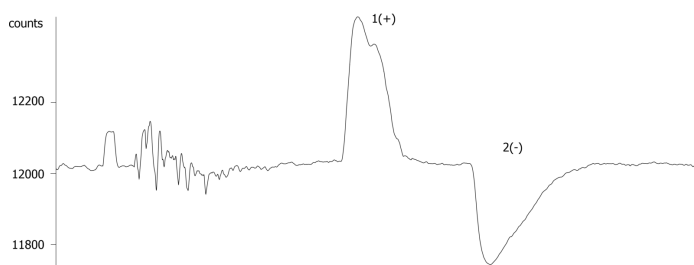
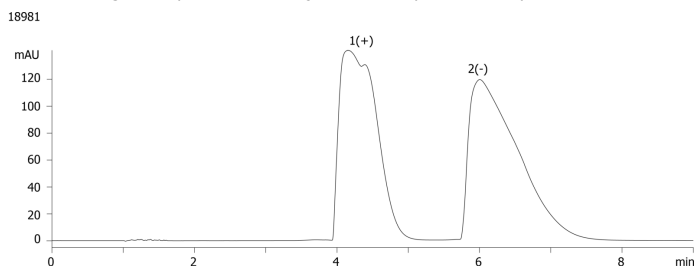
**Col. Temp.:** 35 °C

**Detection:** Laser Polarimeter @ 254 nm (ambient)

**Analyst Note:** Application using combination of UV-Vis detector (upper trace) and PDR-Chiral Advanced Laser Polarimeter (lower trace) columns of PLR-Chiral, Inc. 3mg in 100µL on-column injection of Propranolol. Sample was dissolved in Ethanol.



Products used in this application:



### ANALYTES:

1 Propranolol

2 Propranolol

