

HPLC Application

ID No.: 19002

Metoprolol on Synergi Polar 4 μ m by SFC

Column: Synergi[™] 4 μ m Polar-RP 80 \AA , LC Column 250 x 4.6 mm, Ea

Dimensions: 250 x 4.6 mm ID

Order No: 00G-4336-E0

Elution Type: Gradient

Eluent A: Methanol with 0.1% DEA

Eluent B: Carbon Dioxide

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	10	90
	2	2	10	90
	3	12	40	60
	4	14	40	60
	5	15	10	90



Flow Rate: 3 mL/min

Col. Temp.: 35 $^{\circ}$ C

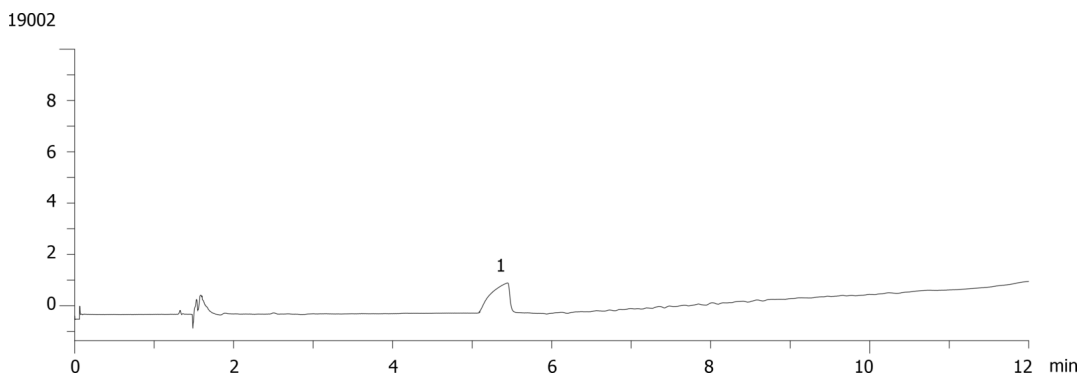
Detection: UV-Vis Abs.-Fixed Wave. (UV) @ 254 nm (35 $^{\circ}$ C)

Detector Info: Thar Discovery Series, Super Pure SFC instrument provided courtesy of Thar Technologies

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

- SecurityGuard Cartridges, Silica 4 x 3.0mm, 10/Pk Part No.: AJ0-4348

- Holder Part No.: KJ0-4282



ANALYTES:

1 Metoprolol

